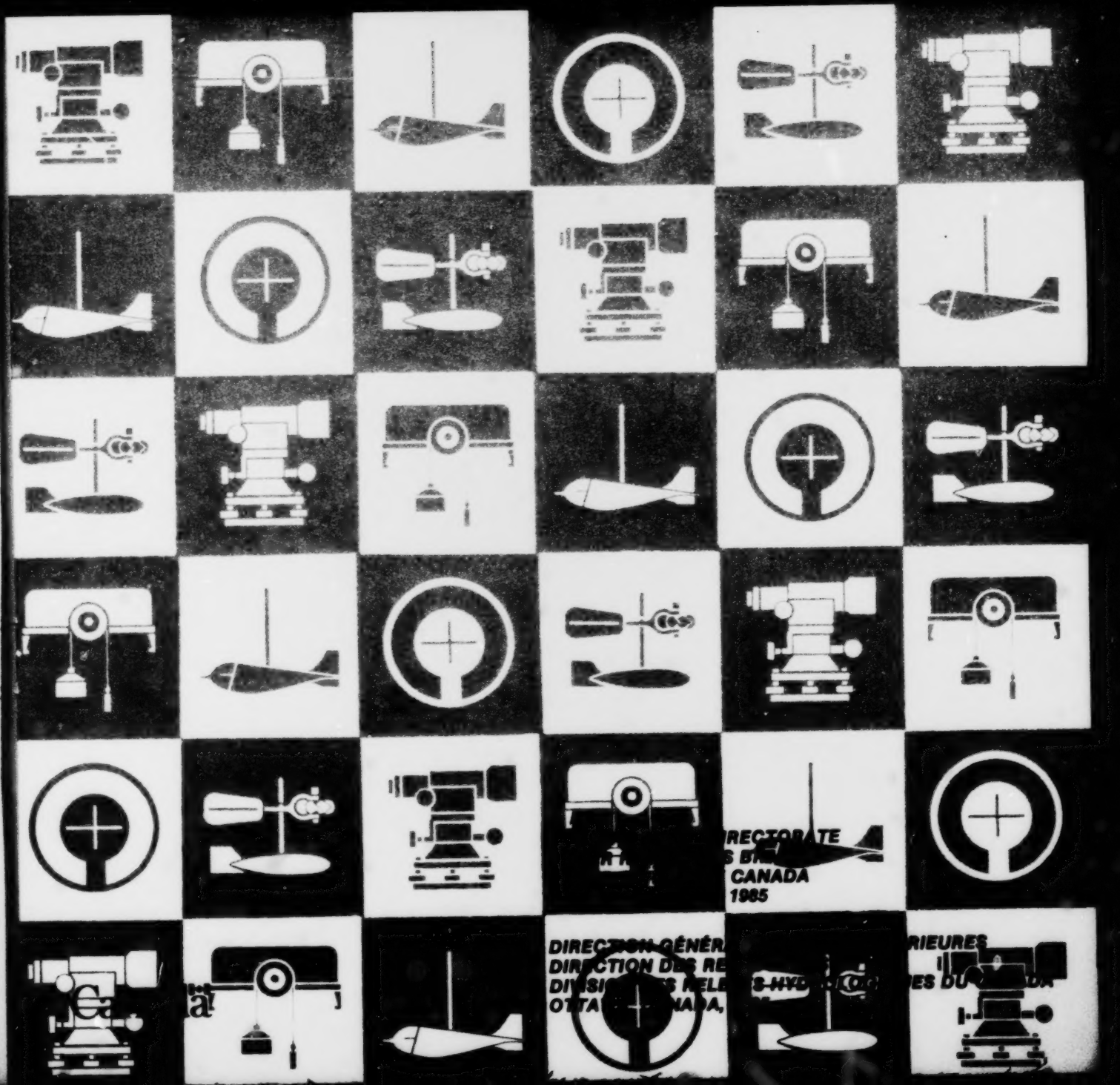
Historical Streamflow Summary

Ontario

Sommaire chronologique de l'écoulement

TO/JUSQU'À **1984**



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La Commission du système métrique Canada a autorisé l'utilisation du symbole national de conversion au système métrique. Le Service du contrôle métrique de l'Office des normes générales du Canada a revisé l'utilisation du système métrique dans cette publication.

Environment Canada | Environnement Canada

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TO/JUSQU'À **1984**

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1985

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1985

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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chiefs of the Water Resources Branch at Guelph, Ontario and Winnipeg, Manitoba.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision des Chefs régionaux de la Direction des ressources en eau, à Guelph (Ontario) et Winnipeg (Manitoba).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

CONTENTS

	PAGE
Preface	iii
Introduction	iv
Organization and History of Hydrometric Survey Operations	v
Co-operation and Acknowledgments	v
Equivalents of Measure	vi
Definition of Terms and Abbreviations	vii
Publication of Surface Water and Sediment Data	vii
Explanation of Historical Streamflow Summary Publication	
General Description	ix
Method of Tabulation of Data	ix
Revisions	xi
Accuracy of Hydrometric Data	xii
Microfiche	xii
Streamflow Data, Gauging Stations in Alphabetical Order	1
Alphabetical Index	537
Station Number Index	543

TABLE DES MATIÈRES

	PAGE
Préface	iii
Introduction	iv
Organisation et historique des relevés hydrométriques	v
Coopération et remerciement	v
Équivalences des unités de mesure	vi
Définitions des termes et abréviations	vii
Publication des données sur les eaux de surface et les sédiments	vii
Explication du *Sommaire chronologique de l'écoulement*	
Description générale	ix
Présentation sous forme de tableaux des données	ix
Révisions	xi
Exactitude des données hydrométriques	xii
Microfiche	xii
Données sur les eaux de surface — Stations de jaugeage énumérées dans l'ordre alphabétique	1
Index alphabétique	537
Index numérique des stations	543

INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents a summary of monthly and annual mean discharges and annual extremes of discharge for rivers in Ontario for which streamflow data to 1984 inclusive have been collected by the Water Survey of Canada. This edition supersedes all previous editions.

A program for the collection and publication of Surface Water Data has been carried on across Canada for over 75 years. The results of these hydrometric survey investigations have been published annually.

Discharge data are available on punched cards or magnetic tape for computer processing. These data and details on individual stations and related records, as well as recent data which have not yet been published may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
Federal Building,
75 Farquhar Street,
Guelph, Ontario.
N1H 3N4

Regional Chief,
Water Resources Branch,
Department of the Environment,
521 Federal Building,
269 Main Street,
Winnipeg, Manitoba.
R3C 1B2

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente un sommaire des moyennes mensuelles et annuelles de l'écoulement et des extrêmes annuels de cours d'eau de l'Ontario, pour lesquels la Division des relevés hydrologiques du Canada a obtenu des données jusqu'en 1984 inclusivement. La présente publication annule toutes les éditions antérieures.

La cueillette et la publication de données sur les eaux de surface sont en oeuvre depuis plus de 75 années au Canada. Les données obtenues à partir des relevés hydrométriques sont publiées annuellement.

On peut se procurer les données sur l'écoulement sous forme de cartes perforées ou de rubans magnétiques pour traitement sur ordinateur. En s'adressant aux endroits ci-après, on peut obtenir ces données, des renseignements supplémentaires sur certaines stations particulières et divers relevés ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
Édifice fédéral
75, rue Farquhar
Guelph (Ontario)
N1H 3N4

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
521 Édifice fédéral
269, rue Main
Winnipeg (Manitoba)
R3C 1B2

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0E7.

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

Hydrometric surveys in Ontario were conducted by the Water Survey of Canada under agreement with the Province of Ontario. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

In Ontario, hydrometric survey operations during the years 1912 to 1919 were carried out by the Hydro-Electric Power Commission of Ontario and the results were published in the annual reports of the Commission. Commencing October 1, 1919, under the terms of a co-operative arrangement with the Commission, the Dominion Water and Power Bureau assumed the responsibility for the hydrometric and fundamental water resources investigations in the province. Although this arrangement was terminated on March 31, 1933 work was continued by the federal government under letter arrangement with the Province of Ontario and the Hydro-Electric Power Commission until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of Ontario on June 12, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis and in close co-operation with Ontario Hydro, Ontario Ministry of Natural Resources and the Ontario Ministry of the Environment.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to many organizations.

The names of these organizations are given in the Surface Water Data Reference Index and the annual Surface Water Data publications. The names of agencies who have contributed data for publication are identified herein under individual stations.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

La Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Ontario en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

En Ontario, la Commission d'énergie hydro-électrique de l'Ontario a effectué entre 1912 et 1919 des relevés hydrométriques, et on a publié dans les rapports annuels de cette Commission les résultats ainsi recueillis. En vertu d'une entente de coopération conclue avec cette dernière, le Bureau fédéral de l'eau et de l'énergie a assumé, à compter du 1er octobre 1919, la responsabilité de la conduite, en Ontario, de recherches hydrométriques et de recherches fondamentales sur les ressources en eau. L'entente a pris fin le 31 mars 1933, mais en vertu d'une lettre d'entente avec la province de l'Ontario et la Commission d'énergie hydro-électrique de l'Ontario, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 12 juin 1975, le gouvernement de l'Ontario a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques, en étroite collaboration avec l'Hydro-Ontario et les ministères des Ressources naturelles et de l'Environnement de l'Ontario, et partagera le coût des mesures avec la province.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable à maints organismes de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques.

On trouvera les noms des organismes dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Les noms des organismes qui ont fourni des données apparaissent dans la présente publication sous les stations particulières.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit – 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit – 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île du Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication

presented in the International System of Units (SI) and published every two years. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Paper containing sediment data incorporates a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue is a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* were published annually. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI).

De 1948 à 1960, on avait recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenait un choix de ces données ainsi que d'autres, recueillies en 1961 avant le 30 septembre par des stations établies pour la réalisation du programme permanent. La deuxième publication portait sur les données recueillies dans le cadre du programme, au cours des années hydrologiques 1962 et 1963. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement. À partir de 1978, les données sont fournies dans le Système international d'unités (SI).

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données

of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published every two years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une nouvelle série de publications intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI). L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

EXPLANATION OF HISTORICAL STREAMFLOW SUMMARY PUBLICATION

A. General Description

Descriptive information about a gauging station is given herein below the table of monthly and annual mean discharges. This refers to such items as latitude and longitude, drainage area and whether the flow is natural or regulated (the year that regulation began is given, if known); International Gauging Stations are identified and the names of co-operating agencies who supply data are given; unusual conditions are explained under "Remarks".

This descriptive information (except the "Remarks" statement) is also given in the Surface Water Data Reference Index and the annual Surface Water Data publications. However, these two publications contain additional information not given herein such as the type of gauge, period of record and other pertinent remarks. Historical streamflow data as contained herein are published by province or region and also in alphabetical order as in the annual Surface Water Data publications. However, the Historical Streamflow Summary publications contain data for both active and discontinued streamflow stations and do not contain any water level data. These publications will be published every two years and will contain data for all streamflow stations for the entire period of record not just the data for the intervening two years.

B. Method of Tabulation of Data

For gauging stations where systematic streamflow data have been obtained, the following are given for the period of record to 1984 inclusive:

1. Summary of monthly and annual mean discharges;
2. Annual maximum instantaneous discharges;

EXPLICATION DU *SOMMAIRE CHRONOLOGIQUE DE L'ÉCOULEMENT*

A. Description générale

Sous ce titre on trouve les renseignements descriptifs pour une station de relevés de l'écoulement, qui sont fournis après l'extrait des moyennes mensuelles et annuelles. Il s'agit de la latitude et de la longitude; de la superficie du bassin versant; du débit reconnu comme naturel ou régularisé (on indique l'année où la régularisation a débuté, si elle est connue); des stations internationales de jaugeage et des noms des organismes ayant fourni des données ainsi que des précisions sur les conditions spéciales qui prévalaient à la station (elles figurent dans les «Remarques»).

On trouvera également ces renseignements descriptifs (sauf les «Remarques») dans l'*Index de référence des données sur les eaux de surface* et dans les publications annuelles des *Données sur les eaux de surface*. Cependant, ces dernières traitent d'information additionnelles telles que du type de jauge, de la période d'enregistrement et d'autres remarques pertinentes. Les données historiques sur l'écoulement, qui sont contenues dans la présente publication, sont subdivisées en ordre alphabétique selon les provinces ou les territoires comme pour les publications annuelles des *Données sur les eaux de surface*. Par contre, le *Sommaire chronologique de l'écoulement* contient des données non seulement de stations en opération, mais aussi de stations qui ne le sont plus; aucune donnée sur le niveau des eaux n'est toutefois fournie. Cette publication paraîtra tous les deux ans et portera sur les données de toutes les stations de relevés de l'écoulement pour toute la période d'enregistrement plutôt que sur les données qui ne couvrent que les deux années.

B. Présentation sous forme de tableaux des données

Pour les stations où on a effectué un relevé systématique de l'écoulement, les données suivantes sont présentées pour la période d'enregistrement allant jusqu'en 1984 inclusivement:

1. Un extrait des moyennes mensuelles et annuelles;
2. Un tableau des valeurs annuelles maximales instantanées;

3. Annual maximum and minimum daily discharges;

4. Identification of the extreme recorded for the period of record;

5. Annual total discharge in cubic decametres.

The following standard symbols are used opposite the daily discharge to which they apply. These symbols will not appear opposite the monthly and annual mean discharges, but will appear with the annual maximum instantaneous value and the annual maximum and minimum daily values, if applicable:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge during that particular year. A station may have several periods of recording or manual gauges throughout its history. For more details concerning the type of gauge operated during the period of record, the *Surface Water Data Reference Index* should be consulted. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

R – Revised – indicates that a revision, correction or addition has been made to the historical discharge data base after January 1, 1980.

1. *The summary of monthly and annual mean discharge* gives:

(a) the monthly mean in cubic metres per second for each month for which there is a complete month of daily discharges. Records of daily discharges for partial months, if obtained, are published in annual publications or are available from the Regional Chief;

(b) the annual mean discharge in cubic metres per second if there are daily discharges for the complete year. In some cases a mean discharge is computed for a standard period within the year, say March to October. This is then computed for all the years for which there are daily discharge records from March to October, if there are also records for other months, say January to October, the mean is given for March to October only;

(c) the mean of all the monthly means;

(d) the mean of all the annual or standard period means.

3. Un tableau des valeurs quotidiennes maximale et minimale annuelles;

4. Un tableau des valeurs extrêmes enregistrées pour toute la periode d'observation;

5. Un résumé de l'écoulement annuel total en décamètres cubes.

Les symboles normalisés donnés ci-après sont inscrits à côté des débits quotidiens auxquels ils se rapportent. Les symbols ne sont fournis ni avec les débits moyens mensuels, ni avec les débits moyens annuels, mais ils paraissent avec les valeurs appropriées, c'est-à-dire la valeur instantanée maximale annuelle et les valeurs quotidiennes maximale et minimale annuelles:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne quotidienne pour l'année en question. Toute station peut comporter diverses périodes où les relevés sont effectués soit à partir d'une jauge enregistreuse, soit à l'aide d'une jauge manuelle. Pour obtenir d'autres renseignements sur le genre de jauge qui a servi lors de la période d'observation, il faut consulter l'*Index de référence des données sur les eaux de surface*. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

R – Révisé – indique qu'il y a eu révision, correction ou addition à la base des données chronologiques des débits après le 1er janvier 1980.

1. *L'extrait des moyennes mensuelles et annuelles* (The summary of monthly and annual mean discharges) donne:

(a) la moyenne mensuelle, exprimée en mètres cubes par seconde, des valeurs quotidienne de l'écoulement pour le mois entier. Pour les stations où on n'a mesuré l'écoulement quotidien que pour une partie du mois, les données paraissent dans les publications annuelles ou peuvent être obtenues du chef régional;

(b) la moyenne annuelle, en mètres cubes par seconde, pour les stations où on a obtenu des relevés quotidiens pour une année entière. Dans certains cas, la moyenne est calculée pour une période bien définie de l'année, par exemple pour mars à octobre. On donne donc la moyenne annuelle des relevés quotidiens effectués pour cette même période de l'année. S'il existe des données pour une autre partie de l'année, telle que pour janvier à octobre, la moyenne n'est toujours fournie que pour la période bien définie de mars à octobre;

(c) la moyenne de toutes les moyennes mensuelles;

(d) la moyenne de toutes les moyennes annuelles ou de toutes les moyennes pour une période bien définie.

2. *The annual maximum instantaneous discharge* in cubic metres per second is given for each year if available. This figure is usually available if the station is equipped with a recording gauge. It may also be estimated from high water marks or from a graph of observed water level readings during the day.

3. *The annual maximum and minimum daily discharges* in cubic metres per second are given for each year where daily discharges have been obtained for the entire year (or standard period within the year, e.g. March to October), or where they are considered to be valid for the year even though some daily discharges are missing.

4. *The extreme recorded for the period of record* is identified by an asterisk within the table of annual maximum instantaneous, maximum daily and minimum daily values.

5. *The annual total discharge* in cubic decametres is given for each year where daily discharges have been obtained for the entire year. If a standard period such as March to October has been selected, the figure applies to only those months, similar to the mean discharge in cubic metres per second.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Revisions, corrections or additions made to the discharges and water levels after January 1, 1980 are indicated by an "R" symbol in the summary publications. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

2. *Le tableau des valeurs annuelles maximales instantanées* (The annual maximum instantaneous discharge) exprimées en mètres cubes par seconde, est fourni pour toute année où des données sont disponibles. La majorité des stations munies de jauges enregistreuses détiennent ces données. Elles peuvent également être évaluées à partir du niveau des hautes eaux ou d'un graphique illustrant le niveau quotidien.

3. *Le tableau des valeurs quotidiennes minimale et maximale annuelles* (The annual maximum and minimum daily discharges), exprimées en mètres cubes par seconde, donne les valeurs pour les stations où on a fait des relevés quotidiens pour une année entière ou pour une période bien définie de l'année, par exemple pour mars à octobre, ou lorsqu'on considère que les valeurs sont valables pour toute l'année même si quelques débits quotidiens ne sont pas disponibles.

4. *Le tableau des valeurs extrêmes enregistrées pour toute la période d'observation* (The extreme recorded for the period of record) est indiqué par un astérisque et est compris avec les valeurs annuelles maximales instantanées et les valeurs quotidiennes minimale et maximale annuelles.

5. *Le résumé de l'écoulement annuel total* (The annual total discharge), en décamètres cubes, est indiqué pour les stations où on a fait des relevés quotidiens pour une année entière. Si on a choisi une période bien définie de l'année, par exemple de mars à octobre, la valeur n'a trait qu'à ces mois, tout comme la moyenne mensuelle, en mètres cubes par seconde.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées aux débits et aux niveaux d'eau après le 1er janvier 1980 sont accompagnées du symbole «R» dans les publications sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by province. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, province, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par province. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la province, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

STREAMFLOW DATA/DONNÉES SUR L'ÉCOULEMENT

ABITIBI RIVER AT ABITIBI CANYON - STATION NO. 04ME002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1929	---	---	---	---	710	553	283	225	317	535	485	---	---	1929
1930	---	---	---	---	838	528	338	190	157	---	---	---	---	1930
1932	---	---	---	---	---	---	---	---	---	880	503	221	---	1932
1933	218	217	228	605	748	345	193	175	148	150	129	108	272	1933
1934	114	123	148	209	1 150	478	280	182	301	313	478	308	341	1934
1935	212	243	256	450	851	354	258	236	231	339	232	189	298	1935
1936	125	121	153	270	1 220	546	215	158	153	224	198	154	295	1936
1937	153	154	170	506	760	278	384	270	242	359	387	255	328	1937
1938	198	219	271	698	741	494	272	407	208	187	219	178	358	1938
1939	187	241	284	350	1 200	375	524	182	248	317	233	202	382	1939
1940	218	204	182	263	848	585	293	192	222	207	253	193	305	1940
1941	173	180	204	611	880	236	195	273	581	710	483	283	375	1941
1942	226	225	244	685	823	241	211	184	287	398	317	180	308	1942
1943	183	187	183	325	833	836	270	208	193	153	189	148	288	1943
1944	150	148	188	337	824	305	152	228	273	349	245	191	284	1944
1945	198	181	361	529	539	854	378	208	232	237	307	180	334	1945
1946	180	189	394	395	705	504	285	181	245	202	224	179	307	1946
1947	178	188	198	242	1 420	1 040	201	205	178	183	172	170	385	1947
1948	157	135	141	494	487	208	208	249	206	208	216	171	241	1948
1949	186	181	189	427	433	414	219	183	192	187	194	188	242	1949
1950	145	155	158	295	1 120	822	481	193	174	198	257	232	327	1950
1951	217	215	247	648	321	258	221	170	172	323	281	230	292	1951
1952	219	242	233	538	581	421	298	269	203	243	278	228	313	1952
1953	282	250	321	809	788	242	178	151	282	220	221	222	312	1953
1954	205	228	254	530	548	301	319	231	230	329	325	229	338	1954
1955	233	243	237	557	258	207	158	141	151	231	228	183	234	1955
1956	174	190	213	245	883	450	252	199	230	211	185	166	284	1956
1957	163	170	205	822	301	282	688	180	185	181	306	203	288	1957
1958	231	241	248	380	280	268	241	189	272	390	325	229	274	1958
1959	224	231	243	392	884	221	187	151	178	293	228	221	280	1959
1960	209	239	252	411	1 020	475	287	294	248	258	286	224	401	1960
1961	228	182	212	388	518	351	278	187	533	414	328	277	328	1961
1962	284	282	278	381	740	428	188	218	348	218	194	182	308	1962
1963	137	139	164	365	388	283	178	178	182	180	188	172	213	1963
1964	194	189	200	819	849	698	278	195	218	357	285	220	340	1964
1965	198	221	237	252	787	245	234	218	330	518	258	237	313	1965
1966	228	263	247	506	457	320	188	198	213	534	385	386	326	1966
1967	308	282	287	784	1 110	831	232	244	232	255	282	251	424	1967
1968	243	250	291	530	309	284	506	262	241	285	251	250	314	1968
1969	229	212	224	442	583	390	245	245	280	488	472	292	341	1969
1970	278	268	251	340	444	344	258	228	253	182	190	182	288	1970
1971	170	210	238	387	708	247	207	184	271	218	259	208	277	1971
1972	193	238	245	255	612	384	233	198	173	262	188	188	284	1972
1973	198	187	248	404	508	258	248	228	248	238	228	207	288	1973
1974	172	195	231	277	698	488	328	238	231	284	264	234	303	1974
1975	225	228	228	288	438	358	172	148	148	185	240	201	238	1975
1976	190	184	190	774	567	257	170	187	203	228	213	187	278	1976
1977	208	197	231	605	275	201	193	181	290	208	238	178	250	1977
1978	185	188	182	192	588	431	418	217	224	345	201	187	289	1978
1979	229	239	208	587	1 120	788	275	213	247	378	298	285	404	1979
1980	289	275	235	549	561	288	181	204	228	322	280	201	288	1980
1981	223	250	278	515	559	299	210	162	156	175	183	158	272	1981
1982	148	192	174	271	564	172	215	143	228	448	370	254	285	1982
1983	258	248	221	289	884	462	189	155	243	281	208	172	295	1983
1984	175	183	180	483	280	389	342	173	180	181	208	213	244	1984
MEAN	202	211	228	455	671	397	255	205	238	300	269	210	302	MEAN

LOCATION - LAT 49 52 55 N DRAINAGE AREA, 22 900 km² DATA CONTRIBUTED BY -
LONG 81 34 00 W REGULATED ONTARIO HYDRO

ABITIBI RIVER AT ABITIBI CANYON - STATION NO. 04ME002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1929	---	1 280 ON OCT 24	---	---	1929
1930	---	1 420 ON MAY 5	---	---	1930
1932	---	1 130 ON OCT 28	---	---	1932
1933	---	1 310 ON APR 22	32.0 ON JUL 1	8 570 000	1933
1934	---	2 180 ON MAY 5	29.2 ON AUG 19	10 800 000	1934
1935	---	1 080 ON APR 29	76.2 ON SEP 15	9 340 000	1935
1936	---	2 120 ON MAY 14	54.9 ON FEB 9	9 350 000	1936
1937	---	1 710 ON APR 29	90.3 ON SEP 6	10 300 000	1937
1938	---	2 070 ON APR 29	74.6 ON JUL 4	11 300 000	1938
1939	---	2 000 ON MAY 11	77.9 ON APR 18	11 400 000	1939
1940	---	1 780 ON MAY 29	105 ON SEP 10	9 660 000	1940
1941	---	1 440 ON MAY 7	113 ON MAR 4	11 800 000	1941
1942	---	1 670 ON APR 28	119 ON JUL 1	9 680 000	1942
1943	---	1 200 ON JUN 20	113 ON DEC 26	8 450 000	1943
1944	---	1 180 ON MAY 15	88.1 ON JUL 2	8 350 000	1944
1945	---	1 380 ON MAR 30	95.3 ON JUL 2	10 500 000	1945
1946	---	2 080 ON MAY 28	95.6 ON SEP 2	9 680 000	1946
1947	---	2 510 ON MAY 19 *	100 ON DEC 25	11 500 000	1947
1948	---	1 380 ON APR 26	90.0 ON DEC 25	7 810 000	1948
1949	---	1 170 ON JUN 30	101 ON DEC 25	7 830 000	1949
1950	---	1 580 ON MAY 9	91.2 ON JAN 1	10 300 000	1950
1951	---	1 820 ON APR 15	98.0 ON SEP 3	9 220 000	1951
1952	---	1 400 ON MAY 15	78.2 ON SEP 1	9 880 000	1952
1953	---	1 210 ON MAY 6	100 ON SEP 7	9 860 000	1953
1954	---	1 850 ON OCT 18	123 ON JAN 1	10 600 000	1954
1955	---	1 140 ON APR 18	87.8 ON DEC 25	7 380 000	1955
1956	---	1 570 ON MAY 16	86.7 ON JAN 1	8 990 000	1956
1957	---	2 180 ON APR 27	96.3 ON APR 14	9 070 000	1957
1958	---	867 ON APR 19	76.2 ON AUG 3	8 880 000	1958
1959	---	1 200 ON MAY 8	88.1 ON AUG 3	8 210 000	1959
1960	---	2 380 ON MAY 10	75.6 ON APR 3	12 700 000	1960
1961	---	1 180 ON MAY 18	85.2 ON AUG 13	10 200 000	1961
1962	---	1 420 ON MAY 5	92.0 ON NOV 11	9 720 000	1962
1963	---	881 ON APR 19	86.5 ON AUG 5	8 720 000	1963
1964	---	1 670 ON APR 30	49.6 ON DEC 26	10 800 000	1964
1965	---	1 300 ON MAY 17	46.7 ON JAN 1	9 850 000	1965
1966	---	1 250 ON APR 25	44.7 ON JUL 3	10 300 000	1966
1967	---	1 990 ON MAY 3	85.8 ON SEP 4	13 400 000	1967
1968	---	1 190 ON APR 18	100 ON SEP 8	9 940 000	1968
1969	---	1 080 ON MAY 4	132 ON FEB 23	10 700 000	1969
1970	---	1 210 ON MAY 2	58.6 ON DEC 25	8 460 000	1970
1971	---	885 ON MAY 1	26.6 ON JAN 1	8 730 000	1971
1972	---	1 170 ON MAY 2	88.0 ON JAN 3	8 340 000	1972
1973	---	888 ON APR 23	59.7 ON JAN 14	8 440 000	1973
1974	---	846 ON MAY 1	86.5 ON DEC 25	9 570 000	1974
1975	---	888 ON MAY 3	61.6 ON SEP 7	7 440 000	1975
1976	---	2 100 ON APR 21	57.8 ON DEC 26	8 820 000	1976
1977	---	1 570 ON APR 23	61.4 ON DEC 25	7 870 000	1977
1978	---	1 220 ON MAY 15	79.3 ON JAN 2	9 110 000	1978
1979	---	2 110 ON MAY 10	79.9 ON JAN 1	12 700 000	1979
1980	---	1 490 ON APR 30	103 ON JUL 24	9 420 000	1980
1981	---	1 020 ON MAY 6	64.0 ON OCT 4	8 580 000	1981
1982	---	1 410 ON MAY 3	25.2 ON JUN 27 *	8 370 000	1982
1983	---	1 250 ON MAY 27	45.3 ON DEC 11	9 250 000	1983
1984	---	1 200 ON JUN 29	47.8 ON SEP 3	7 710 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		9 520 000	MEAN

ABITIBI RIVER AT IROQUOIS FALLS - STATION NO. 04MC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	210	418	314	165	154	151	136	118	88.2	88.8	---	1920
1921	72.0	80.2	80.7	237	90.0	119	120	129	117	120	107	120	113	1921
1922	98.9	124	217	351	785	187	232	158	137	135	129	98.1	220	1922
1923	108	118	108	188	198	144	124	128	139	130	112	101	133	1923
1924	130	140	128	188	164	125	123	113	108	108	111	97.7	127	1924
1925	108	110	113	188	153	322	302	170	107	113	118	108	181	1925
1926	103	122	158	155	232	180	488	170	113	113	127	102	171	1926
1927	98.1	97.0	120	263	181	222	132	201	183	280	213	208	184	1927
1928	280	198	124	213	893	486	304	230	278	503	211	183	297	1928
1929	202	188	201	228	289	192	189	158	151	288	227	187	204	1939
1930	173	185	181	228	241	289	197	117	117	143	138	132	178	1930
1931	132	131	133	174	148	131	132	115	83.1	84.5	108	140	127	1931
1932	147	185	187	267	158	88.2	82.9	120	158	452	301	178	194	1932
1933	183	187	198	321	288	175	152	138	104	108	95.5	86.5	189	1933
1934	93.0	94.3	118	150	402	229	174	136	129	158	229	197	178	1934
1935	185	202	221	247	177	180	152	122	131	140	137	123	184	1935
1936	87.4	85.3	118	175	412	257	143	122	120	128	120	118	158	1938
1937	119	129	138	226	181	152	154	151	150	158	174	178	159	1937
1938	175	195	248	371	334	223	119	199	137	114	133	129	198	1938
1939	140	154	230	270	438	205	341	121	148	158	151	151	209	1939
1940	172	152	123	180	340	290	182	184	138	185	135	144	181	1940
1941	125	127	148	254	237	128	130	174	231	384	303	174	202	1941
1942	183	183	153	321	230	180	127	138	113	183	174	151	175	1942
1943	138	132	118	188	185	352	158	134	132	84.5	100	102	150	1943
1944	106	105	109	184	222	178	109	128	128	194	155	142	147	1944
1945	138	133	232	205	312	404	239	148	141	139	174	128	200	1945
1946	185	178	233	178	351	317	177	157	143	185	144	120	193	1946
1947	122	133	143	188	827	804	182	148	147	150	127	124	223	1947
1948	130	125	130	217	183	138	138	144	138	128	127	115	141	1948
1949	117	118	124	208	147	288	140	112	128	124	138	127	145	1949
1950	121	135	132	217	378	243	288	141	122	127	148	151	184	1950
1951	175	178	187	374	145	180	148	138	122	152	138	140	172	1951
1952	158	188	188	287	287	240	185	185	171	185	140	185	198	1952
1953	178	187	255	337	352	147	132	123	142	123	124	121	188	1953
1954	148	188	184	281	158	158	191	148	185	337	205	184	194	1954
1955	185	187	188	287	133	130	125	135	122	133	141	128	155	1955
1956	138	148	182	150	407	280	155	145	131	137	135	129	175	1956
1957	140	138	152	263	128	174	400	120	110	133	148	138	172	1957
1958	182	188	185	185	150	120	118	109	182	231	197	178	168	1958
1959	177	187	188	281	183	130	120	118	130	158	138	182	183	1959
1960	170	198	214	254	724	387	223	200	185	173	184	188	283	1960
1961	188	133	158	220	184	177	141	137	281	222	182	210	182	1961
1962	214	234	227	281	238	248	127	142	188	187	187	128	180	1862
1963	108	118	124	222	170	184	131	144	142	158	138	132	148	1883
1964	128	133	144	292	242	438	183	147	178	185	181	187	198	1964
1985	150	143	173	188	225	184	184	140	183	288	212	208	185	1985
1966	188	177	198	258	170	180	128	180	188	188	288	289	181	1886
1967	250	334	262	337	510	441	158	180	178	178	188	211	288	1887
1968	205	205	208	221	137	184	257	185	123	182	191	180	182	1888
1969	173	180	185	232	188	255	183	145	148	287	312	228	208	1889
1970	208	218	226	243	177	180	178	153	138	133	135	139	177	1870
1971	128	148	158	258	293	184	185	130	141	128	188	132	170	1871
1972	180	181	187	188	184	183	140	171	130	137	144	184	182	1872
1973	158	158	148	180	219	178	188	152	147	172	188	188	185	1873
1974	135	154	172	204	231	272	203	177	180	148	176	188	188	1874
1975	192	194	188	188	178	152	144	140	138	138	137	137	158	1975
1976	137	137	147	325	315	204	151	158	153	187	185	184	188	1876
1977	144	145 R	162	270	187	187	158	158	150	138	122	123	158R	1877
1978	144	138	125	152	200	188	284	191	144	153	148	187	167	1878
1979	178	188	191	278	809	523	198	158	188	200	181	188	244	1979
1980	238	218	193	288	288	171	121	180	188	184	175	188	188	1880
1981	188	170	208	303	228	177	180	162	134	111	118	122	174	1981
1982	120	111	110	174	200	138	108	88.5	120	188	201	202	148	1882
1983	188	181	182	181	281	234	140	148	144	138	138	121	174	1883
1984	118	114	141	231	148	148	148	158	140	128	117	142	144	1884
MEAN	162	158 R	188	240	288	219	174	148	145	171	180	150	178	MEAN

LOCATION - LAT 48 45 44 N
LONG 80 40 07 W

DRAINAGE AREA, 13 300 km²
REGULATED

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC.

R - REVISED SINCE JAN 1980

ABITIBI RIVER AT IROQUOIS FALLS - STATION NO. 04MC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	509 ON APR 5	---	---	1920
1921	---	487 ON APR 8	0 ON DEC 25 *	3 580 000	1921
1922	---	1 010 ON MAY 8 *	0 ON SEP 3	5 940 000	1922
1923	---	413 ON APR 27	0 ON NOV 3	4 190 000	1923
1924	---	337 ON APR 26	0 ON JUN 29	4 020 000	1924
1925	---	836 ON JUN 8	0 ON SEP 6	5 070 000	1925
1926	---	977 ON JUL 19	0 ON SEP 5	5 400 000	1926
1927	---	780 ON OCT 3	25.2 ON MAR 13	5 810 000	1927
1928	---	951 ON MAY 11	0 ON JUL 8	9 410 000	1928
1929	---	779 ON OCT 28	0 ON SEP 1	6 430 000	1929
1930	---	671 ON JUN 21	0 ON JUL 20	5 640 000	1930
1931	---	239 ON APR 22	0 ON SEP 5	3 980 000	1931
1932	---	750 ON OCT 27	0 ON JUN 11	6 130 000	1932
1933	---	612 ON APR 20	0 ON SEP 3	5 340 000	1933
1934	---	835 ON MAY 3	0 ON JUL 28	5 570 000	1934
1935	---	462 ON APR 28	0 ON JUN 30	5 180 000	1935
1936	---	683 ON MAY 13	0 ON JAN 3	4 980 000	1936
1937	---	450 ON APR 25	0 ON MAR 20	5 020 000	1937
1938	---	789 ON APR 30	0 ON JUN 25	8 230 000	1938
1939	---	850 ON JUL 12	1.25 ON AUG 28	6 600 000	1939
1940	---	881 ON MAY 27	0 ON SEP 21	5 730 000	1940
1941	---	785 ON MAY 8	0 ON JUN 7	8 380 000	1941
1942	---	643 ON APR 25	22.1 ON JUL 25	5 800 000	1942
1943	---	708 ON JUN 18	24.8 ON OCT 3	4 740 000	1943
1944	---	532 ON MAY 14	0 ON JUL 1	4 830 000	1944
1945	---	830 ON JUN 8	0 ON DEC 22	8 300 000	1945
1946	---	672 ON JUN 1	0 ON SEP 1	8 080 000	1946
1947	---	886 ON JUN 14	0.566 ON AUG 31	7 020 000	1947
1948	---	360 ON APR 20	0 ON DEC 25	4 450 000	1948
1949	---	756 ON JUN 29	18.0 ON AUG 28	4 580 000	1949
1950	---	776 ON MAY 8	30.6 ON SEP 4	5 800 000	1950
1951	---	731 ON APR 8	13.3 ON SEP 2	5 410 000	1951
1952	---	705 ON MAY 18	39.8 ON JAN 8	8 200 000	1952
1953	---	535 ON APR 29	0 ON SEP 6	5 880 000	1953
1954	---	869 ON OCT 16	12.6 ON JUN 6	6 110 000	1954
1955	---	888 ON APR 14	0 ON JUL 2	4 900 000	1955
1956	---	860 ON MAY 30	0 ON JUL 1	5 540 000	1956
1957	---	844 ON JUN 30	0 ON MAY 5	5 430 000	1957
1958	---	436 ON OCT 24	0 ON MAY 11	5 250 000	1958
1959	---	481 ON APR 25	0 ON MAY 24	5 140 000	1959
1960	---	875 ON MAY 11	5.36 ON OCT 2	7 980 000	1960
1961	---	530 ON SEP 15	0 ON MAY 28	5 750 000	1961
1962	---	874 ON JUN 2	0 ON JUN 17	5 890 000	1962
1963	---	495 ON APR 18	0 ON JAN 6	4 580 000	1963
1964	---	775 ON JUN 19	0 ON JAN 5	8 280 000	1964
1965	---	479 ON MAY 15	0 ON JAN 10	5 830 000	1965
1966	---	536 ON APR 21	0 ON JAN 1	6 030 000	1966
1967	---	711 ON MAY 24	0 ON JUL 8	8 380 000	1967
1968	---	812 ON JUL 20	0 ON MAY 5	5 780 000	1968
1969	---	580 ON OCT 14	0 ON AUG 31	6 500 000	1969
1970	---	433 ON MAY 2	0 ON JUL 12	5 590 000	1970
1971	---	470 ON APR 29	0 ON JAN 1	5 340 000	1971
1972	---	411 ON APR 30	0 ON JAN 1	5 110 000	1972
1973	---	436 ON MAY 3	135 ON FEB 18	5 220 000	1973
1974	---	854 ON JUN 5	127 ON SEP 2	5 820 000	1974
1975	---	364 ON MAY 1	131 ON JUL 14	5 010 000	1975
1976	---	783 ON APR 18	0 ON OCT 24	5 880 000	1976
1977	---	536 ON APR 22	37.7 ON SEP 11	5 000 000R	1977
1978	---	378 ON JUN 26	96.8 ON SEP 8	5 280 000	1978
1979	---	749 ON MAY 11	109 ON SEP 4	7 880 000	1979
1980	---	845 ON MAY 12	82.9 ON JUL 30	8 250 000	1980
1981	---	533 ON MAY 18	83.3 ON DEC 8	5 470 000	1981
1982	---	850 ON MAY 1	81.3 ON AUG 19	4 800 000	1982
1983	---	493 ON MAY 4	83.8 ON JUL 28	8 470 000	1983
1984	---	395 ON APR 18	95.4 ON AUG 27	4 540 000	1984
				5 680 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

ABITIBI RIVER AT ISLAND FALLS - STATION NO. 04HE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1924	---	---	---	---	---	---	---	---	---	184	193	208	---	1924
1925	---	---	---	---	413	652	458	333	183	---	---	---	---	1925
1926	---	---	---	---	---	---	---	---	---	809	327	249	---	1926
1929	205	206	226	363	670	486	251	197	251	457	387	204	326	1929
1930	192	188	185	302	628	526	300	139	141	184	208	182	285	1930
1931	142	140	145	309	445	191	182	126	105	178	310	233	207	1931
1932	198	208	216	348	505	152	186	232	294	605	448	226	302	1932
1933	211	208	217	557	629	287	167	169	136	133	115	95.8	244	1933
1934	108	107	133	194	909	402	229	162	244	278	415	276	289	1934
1935	196	213	221	401	442	289	216	179	187	276	198	155	249	1935
1936	112	114	140	248	950	483	180	128	133	183	181	141	247	1936
1937	140	144	158	434	580	240	329	227	217	320	361	237	283	1937
1938	188	200	285	747	604	397	241	348	186	167	207	181	309	1938
1939	183	236	262	337	957	312	445	163	210	290	213	188	317	1939
1940	220	195	172	253	704	502	260	186	221	189	232	187	278	1940
1941	170	172	189	580	456	206	177	282	502	618	469	265	338	1941
1942	215	221	232	587	440	219	191	177	242	357	289	174	278	1942
1943	177	192	178	312	458	557	242	190	180	142	171	141	248	1943
1944	145	144	164	320	516	274	144	210	252	314	228	178	241	1944
1945	187	174	335	453	494	585	334	187	207	218	287	171	301	1945
1946	173	192	390	350	516	441	243	171	229	192	198	188	281	1946
1947	172	183	190	237	1 180	860	183	185	188	173	186	171	321	1947
1948	156	130	137	438	428	193	198	226	183	200	199	159	220	1948
1949	153	159	162	389	355	382	200	181	178	175	184	161	223	1949
1950	146	153	154	288	920	458	415	192	174	195	248	218	298	1950
1951	220	219	253	739	281	248	205	183	189	304	273	218	274	1951
1952	217	236	228	485	505	372	267	250	202	223	255	209	287	1952
1953	255	236	316	588	883	218	174	157	250	201	209	201	288	1953
1954	200	215	244	497	456	273	307	215	222	---	---	---	---	1954
1955	---	---	---	---	---	---	---	---	---	200	205	174	---	1955
1956	170	186	207	233	772	387	232	184	208	194	181	159	280	1956
1957	180	185	195	524	237	272	578	163	153	187	273	190	256	1957
1958	218	226	233	328	243	231	218	174	232	388	285	213	248	1958
1959	210	221	232	381	473	200	178	141	186	286	201	208	238	1959
1960	203	225	237	387	1 390	427	270	288	236	236	258	212	384	1960
1981	221	176	202	388	437	328	238	175	478	356	293	283	293	1981
1982	274	282	286	350	638	348	171	201	289	199	187	184	280	1982
1983	137	138	165	347	319	285	170	174	181	184	171	163	200	1983
1984	182	191	191	561	624	810	231	174	205	315	240	200	301	1984
1985	184	208	220	235	888	217	213	200	288	485	239	224	282	1985
1986	212	248	231	488	388	278	184	185	184	485	370	336	295	1986
1987	291	377	344	719	975	562	214	224	214	---	---	---	---	1987
MEAN	188	198	217	411	598	388	246	195	219	282	253	196	278	MEAN

LOCATION - LAT 49 34 30 N
LONG 81 23 10 W

DRAINAGE AREA, 20 700 km²
REGULATED

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC.

ABITIBI RIVER AT ISLAND FALLS - STATION NO. 04ME001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1924	---	---	---	---	1924
1925	---	1 420 ON JUN 11	---	---	1925
1926	---	1 890 ON OCT 23	---	---	1926
1929	---	1 210 ON OCT 27	27.8 ON APR 7	10 200 000	1929
1930	---	1 190 ON MAY 4	33.4 ON AUG 18	8 340 000	1930
1931	---	865 ON NOV 25	31.7 ON SEP 8	8 540 000	1931
1932	---	1 050 ON OCT 28	32.8 ON AUG 14	8 540 000	1932
1933	---	1 190 ON APR 21	16.4 ON JUL 1	7 680 000	1933
1934	---	1 810 ON MAY 5	27.2 ON AUG 19	8 120 000	1934
1935	---	923 ON APR 28	40.8 ON MAR 3	7 840 000	1935
1936	---	1 820 ON MAY 14	22.7 ON DEC 25	7 800 000	1936
1937	---	1 380 ON APR 28	59.2 ON NOV 28	8 830 000	1937
1938	---	1 680 ON APR 28	4.28 ON JUL 4 *	8 780 000	1938
1939	---	1 580 ON MAY 10	28.6 ON AUG 12	10 000 000	1939
1940	---	1 400 ON MAY 28	28.6 ON NOV 3	8 780 000	1940
1941	---	1 180 ON MAY 7	34.0 ON MAR 3	10 800 000	1941
1942	---	1 380 ON APR 25	53.5 ON AUG 16	8 790 000	1942
1943	---	1 100 ON JUN 19	55.5 ON AUG 1	7 710 000	1943
1944	---	988 ON MAY 4	37.7 ON JUL 2	7 820 000	1944
1945	---	1 110 ON MAR 29	78.4 ON AUG 12	9 500 000	1945
1946	---	1 870 ON MAY 25	80.7 ON DEC 25	8 850 000	1946
1947	---	1 830 ON MAY 17 *	42.3 ON AUG 17	10 100 000	1947
1948	---	1 010 ON APR 27	81.0 ON JUL 11	6 970 000	1948
1949	---	1 010 ON JUN 28	72.8 ON JUL 10	7 040 000	1949
1950	---	1 400 ON MAY 8	37.7 ON OCT 1	9 380 000	1950
1951	---	1 340 ON APR 14	38.8 ON MAY 27	8 840 000	1951
1952	---	1 180 ON MAY 18	44.7 ON JUL 27	9 080 000	1952
1953	---	1 020 ON MAY 5	27.8 ON AUG 8	9 090 000	1953
1954	---	1 010 ON APR 23	---	---	1954
1955	---	---	---	---	1955
1956	---	1 380 ON MAY 15	88.5 ON SEP 30	8 220 000	1956
1957	---	1 680 ON APR 28	31.7 ON JUN 9	8 080 000	1957
1958	---	716 ON APR 15	45.8 ON MAY 12	7 820 000	1958
1959	---	1 030 ON MAY 7	88.5 ON AUG 30	7 580 000	1959
1960	---	1 930 ON MAY 10	47.9 ON APR 3	11 500 000	1960
1961	---	1 100 ON MAY 15	53.2 ON JUN 18	9 250 000	1961
1962	---	1 250 ON MAY 5	40.2 ON DEC 30	8 830 000	1962
1963	---	821 ON APR 18	35.1 ON DEC 15	8 320 000	1963
1964	---	1 340 ON APR 28	38.2 ON SEP 7	9 520 000	1964
1965	---	1 080 ON MAY 17	34.0 ON APR 11	8 880 000	1965
1966	---	1 230 ON OCT 16	44.7 ON JUL 2	9 300 000	1966
1967	---	1 870 ON MAY 3	---	---	1967
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		8 700 000	MEAN

ABITIBI RIVER AT ONAKAWANA - STATION NO. 04ME003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	---	---	420	388R	271R	---	1959
1960	268R	264R	298R	468R	2 050	691	385	338	262	380	388R	278R	508R	1960
1961	274R	203R	227R	504R	795	415	354	180	822R	573	433	321R	410R	1961
1962	320R	382R	331R	480R	1 040	713	278	335	570	298	241	209R	429R	1962
1963	168R	152R	183R	415R	588	402	218	223	228	223	225	221R	268R	1963
1964	227R	221R	215R	719R	1 020	912	438	304	291	515	375R	249R	457R	1964
1965	207R	229R	245R	245R	1 200R	387	337	308	444	741	390	258	418R	1965
1966	244	276	285	523	833	515	271	252	252	750	509	416	426	1966
1967	325	406	382	615	1 810	885	304	305	252	289	350	313	535	1967
1968	280	286	303	728R	419R	356R	695R	384R	382	354R	304R	280	395R	1968
1969	280	237	242	471	758	551	355	350	396	638	583	388	437	1969
1970	303	292	276	351	557	458	329	244	374	206	204	230	327	1970
1971	200	226	259	423	972	321	241	226	389	288	312	252	342	1971
1972	219	265	284	252	831	488	300	229	208	339	257	227	322	1972
1973	217	216	285	489	737	332	323	290	288	288	277	243	331	1973
1974	208	217	258	307	1 020	619	428R	303R	276R	394	364	295	392R	1974
1975	255	248	250	336	715	485	253	202	183	182	315	248	305	1975
1976	222	205	202	825	781	348	228	248	267	285	271	220	342	1976
1977	234	218	255	1 000	580	275	286	230	418	280	370	238	382	1977
1978	213	210	177	219	1 150R	822	643	263	287	488	368	244	416R	1978
1979	248	280	220	674	1 570	863	347	285	323	488	384	299	508	1979
1980	303	287	248	613	824	392	240	238	288	428	305	237	385	1980
1981	230	252	283	682	834	431	259	198	211	248	248	197	339	1981
1982	178	221	202	316	880	257	380	224	322	578	508	315	384	1982
1983	288	255	224	280	1 140	808	228	203	348	344	277	234	388	1983
1984	213	221	214	618	428	492	485	229	195	218	285	314	328	1984
MEAN	242R	248R	250R	509R	843R	521R	343R	284R	322R	393R	338R	288R	387	MEAN

LOCATION - LAT 50 35 00 N DRAINAGE AREA, 27 500 km^2
LONG 81 25 00 W REGULATED

R - REVISED SINCE JAN 1980

ABITIBI RIVER AT ONAKAWANA - STATION NO. 04HE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	---	2 820E ON MAY 12	101 E ON SEP 20	18 100 000R	1960
1961	1 850 AT 09:00 EST ON MAY 17	1 580 ON MAY 17	20.3 ON AUG 28	12 800 000R	1961
1962	1 880 AT 10:45 EST ON JUN 2	1 880 ON JUN 2	91.2 ON NOV 12	13 500 000R	1962
1963	1 370 AT 09:30 EST ON APR 20	985 ON APR 20	42.9 ON AUG 26	8 380 000R	1963
1964	2 360 AT 20:00 EST ON APR 30	2 330 ON APR 30	70.8RB ON DEC 24	14 500 000R	1964
1965	1 770 AT 15:00 EST ON MAY 8	1 630 ON MAY 8	25.5RB ON MAR 29	13 100 000R	1965
1966	1 680R AT 11:00 EST ON OCT 17	1 590 ON OCT 17	82.1E ON SEP 17	13 400 000	1966
1967	---	3 000E ON MAY 6	135 ON OCT 2	16 900 000	1967
1968	---	1 540RE ON APR 19	118 RE ON JUN 10	12 500 000R	1968
1969	---	1 270B ON MAY 5	105 B ON MAR 17	13 800 000	1969
1970	---	1 430B ON MAY 3	19.8B ON DEC 28 *	10 300 000	1970
1971	1 980 AT 14:27 EST ON MAY 1	1 550 ON MAY 1	47.0B ON APR 12	10 800 000	1971
1972	---	1 350E ON MAY 3	51.6 ON SEP 18	10 200 000	1972
1973	1 250 AT 09:20 EST ON APR 24	1 200 ON APR 24	43.3B ON JAN 15	10 400 000	1973
1974	1 310 AT 04:00 EST ON MAY 18	1 240 ON MAY 18	83.0B ON JAN 20	12 400 000R	1974
1975	---	1 820E ON MAY 2	98.1E ON OCT 20	9 820 000	1975
1976	---	2 370 ON APR 22	83.1B ON DEC 27	10 800 000	1976
1977	2 940 AT 13:30 EST ON APR 23	2 880 ON APR 22	71.8B ON MAR 30	11 400 000	1977
1978	2 080R AT 14:20 EST ON MAY 14	1 980 ON MAY 14	39.4B ON MAR 20	13 100 000R	1978
1979	3 400 AT 01:05 EST ON MAY 11 *	3 210 ON MAY 10 *	112 B ON JAN 2	18 000 000	1979
1980	1 870 AT 18:45 EST ON APR 30	1 840 ON APR 30	120 B ON DEC 25	11 800 000	1980
1981	1 570 AT 20:04 EST ON MAY 8	1 450 ON MAY 6	84.0B ON DEC 25	10 700 000	1981
1982	1 900 AT 20:30 EST ON MAY 5	1 900B ON MAY 3	83.0B ON JAN 2	11 800 000	1982
1983	2 560 AT 08:30 EST ON MAY 5	1 820 ON MAY 5	86.0B ON APR 4	11 800 000	1983
1984	1 470 AT 17:17 EST ON JUN 29	1 420 ON JUN 29	84.0E ON SEP 1	10 300 000	1984
				12 200 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

ABITIBI RIVER AT OTTER RAPIDS - STATION NO. 04HE004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	---	---	---	---	450	338	278	---	1961
1962	282	285	274	359	780	442	185	221	378	213	188	183	313	1962
1963	136	138	158	362	602	287	178	185	184	200	200	191	220	1963
1964	205	204	304	824	725	780	335	230	248	424	317	242	378	1964
1965	208	227	245	256	889	308	285	250	380	807	298	254	352	1965
1966	241	274	254	527	553	404	228	224	241	688	488	404	373	1966
1967	325	407	375	848	1 280	783	273	281	243	274	318	272	473	1967
1968	253	258	288	727	601	341	618	333	321	334	295	288	371	1968
1969	243	224	234	480	884	474	308	314	368	576	529	324	398	1969
1970	294	280	273	374	578	434	307	288	382	232	225	217	320	1970
1971	187	223	255	444	802	303	250	231	383	272	312	241	332	1971
1972	218	255	262	283	781	458	293	221	200	334	218	221	311	1972
1973	214	207	284	478	859	308	305	277	293	273	261	232	315	1973
1974	185	200	240	282	895	583	382	274	283	389	319	262	382	1974
1975	233	231	234	307	687	448	207	181	182	188	288	221	287	1975
1976	199	189	195	881	784	314	190	207	223	262	235	199	323	1976
1977	218	205	245	889	388	235	235	204	358	240	283	200	291	1977
1978	192	195	185	201	894	583	515	243	273	448	242	220	349	1978
1979	245	252	218	832	1 330	911	328	280	288	452	370	291	485	1979
1980	298	280	243	597	748	353	209	212	240	378	280	211	337	1980
1981	224	251	278	718	785	382	234	183	188	188	213	172R	313R	1981
1982	184	193	177	278	787	224	277	178	281	534	484	288	318	1982
1983	288	252	224	274	1 040	574	198	187	298	307	238	185	338	1983
1984	182	188	183	534	358	430	424	190	180	178	238	237	278	1984
MEAN	228	238	239	484	743	450	294	231	273	349	288	241R	338	MEAN

LOCATION - LAT 50 10 55 N, LONG 81 38 12 W
DRAINAGE AREA, 23 400 km²
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO
R - REVISED SINCE JAN 1980

ABITIBI RIVER AT OTTER RAPIDS - STATION NO. 04HE004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	1981
1982	---	1 820 ON JUN 1	50.7 ON NOV 11	9 870 000	1982
1983	---	878 ON APR 19	13.3 ON AUG 25	6 950 000	1983
1984	---	1 770 ON APR 30	58.8 ON DEC 25	11 900 000	1984
1985	---	1 290 ON MAY 17	24.3 ON MAR 28	11 100 000	1985
1986	---	1 520 ON OCT 17	80.7 ON SEP 18	11 800 000	1986
1987	---	2 040 ON MAY 4	91.2 ON OCT 1	14 900 000	1987
1988	---	1 530 ON APR 18	108 ON JUN 9	11 700 000	1988
1989	---	1 270 ON MAY 4	101 ON MAR 18	12 500 000	1989
1970	---	1 420 ON MAY 2	17.4 ON DEC 25	10 100 000	1970
1971	---	1 180 ON MAY 1	0 ON JAN 10 *	10 500 000	1971
1972	---	1 260 ON MAY 2	0 ON SEP 17	8 630 000	1972
1973	---	1 110 ON APR 23	37.7 ON JAN 14	8 930 000	1973
1974	---	1 080 ON MAY 17	60.3 ON JAN 19	11 100 000	1974
1975	---	1 150 ON MAY 2	83.5 ON OCT 19	8 420 000	1975
1976	---	2 370 ON APR 21	44.2 ON DEC 26	10 200 000	1976
1977	---	1 780 ON APR 23	59.2 ON MAR 29	9 180 000	1977
1978	---	1 540 ON MAY 14	27.2 ON MAR 19	11 000 000	1978
1979	---	2 810 ON MAY 10 *	106 ON JAN 1	14 700 000	1979
1980	---	1 840 ON APR 30	58.9 ON JUL 20	10 700 000	1980
1981	---	1 390 ON MAY 6	34.5 ON SEP 7	9 890 000R	1981
1982	---	1 680 ON MAY 3	30.6 ON SEP 6	10 000 000	1982
1983	---	1 470 ON MAY 5	33.9 ON NOV 20	10 600 000	1983
1984	---	1 330 ON JUN 29	69.1 ON SEP 2	8 880 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		10 700 000R	MEAN
		R - REVISED SINCE JAN 1980			

ABITIBI RIVER AT TWIN FALLS - STATION NO. 04HC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1949	---	---	---	---	---	---	---	---	---	104	107	105	---	1949
1950	110	127	121	134	178	177	220	107	105	77.4	80.2	114	129	1950
1951	157	163	178	181	87.7	113	129	114	108	74.8	79.9	103	122	1951
1952	140	167	172	133	207	193	126	149	142	132	93.4	128	148	1952
1953	158	177	207	167	278	119	117	111	74.8	83.6	82.9	81.5	139	1953
1954	131	156	184	113	84.2	111	141	116	129	219	153	155	138	1954
1955	161	163	174	98.7	84.8	107	104	122	107	85.8	88.7	102	119	1955
1956	112	127	148	88.9	182	184	113	120	98.4	102	114	89.5	124	1956
1957	117	125	136	125	77.3	77.2	299	106	89.9	98.4	74.8	105	119	1957
1958	148	157	163	74.8	84.1	72.9	73.8	84.7	101	148	137	142	114	1958
1959	145	156	161	150	84.5	91.8	86.8	92.1	91.5	84.0	88.7	114	111	1959
1960	136	161	191	102	443	288	150	155	136	113	85.7	126	175	1960
1961	138	107	130	106	73.8	98.1	100	107	144	163	89.8	155	118	1961
1962	176	199	200	110	105	215	104	80.5	83.5	124	125	97.5	135	1962
1963	82.7	85.5	107	90.2	74.3	91.3	105	98.8	97.2	123	81.2	97.8	95.4	1963
1964	104	108	120	117	108	358	147	118	124	111	103	147	139	1964
1965	138	125	148	102	33.2	129	135	80.3	76.6	217	172	174	138	1965
1966	148	164	167	108	72.3	91.8	109	136	138	100	191	203	134	1966
1967	221	312	281	132	333	357	125	116	148	117	114	180	202	1967
1968	184	182	174	42.1	80.5	99.3	190	123	103	107	184	159	134	1968
1969	148	136	144	81.2	79.2	193	138	84.0	116	228	221	192	147	1969
1970	184	193	207	139	43.8	96.1	118	133	107	97.6	97.0	105	128	1970
1971	108	131	135	119	127	184	128	104	96.7	85.4	97.0	90.3	115	1971
1972	127	157	159	98.5	45.6	96.8	108	128	96.7	74.1	110	127	111	1972
1973	128	128	83.9	38.9	92.7	134	140	118	96.7	118	121	120	110	1973
1974	108	129	142	95.2	42.7	210	169	153	118	78.1	129	188	128	1974
1975	173	177	138	88.3	45.1	88.0	124	115	108 R	97.2	75.2	91.8	108 R	1975
1976	104	107	108	87.6	213	178	126	128	112	124	166	181	135	1976
1977	118	109	144	82.6	89.1	121	129	134	121	112	72.0	82.1	109	1977
1978	115	107	95.0	86.0	18.8	103	222	157	113	83.6	112	129	112	1978
1979	153	143	160	104	333	452	174	115	114	92.3	111	153	176	1979
1980	217	188	170	128	147	125	89.3	148	127	88.1	133	164	144	1980
1981	143	131	188	108	128	136	152	133	103	87.3	78.8	96.1	120	1981
1982	97.9	88.2	88.1	77.3	88.3	98.3	84.3	85.2	91.5	84.2	152	173	97.1	1982
1983	171	173	128	108	82.4	166	113	128	116	104	104	91.1	124	1983
1984	91.6	88.2	113	80.7	88.4	72.8	89.5	140	115	96.7	89.8	102	96.9	1984
MEAN	140	148	152	104	122	153	134	118	110 R	112	113	129	128	MEAN

LOCATION - LAT 48 48 00 N LONG 80 35 00 W

DRAINAGE AREA, 9 950 km^2 REGULATED

DATA CONTRIBUTED BY - ABITIBI - PRICE INC.

R - REVISED SINCE JAN 1980

ABITIBI RIVER AT TWIN FALLS - STATION NO. 04MC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1949	---	---	---	---	1949
1950	---	479 ON JUL 7	14.6 ON OCT 22	4 080 000	1950
1951	---	334 ON APR 7	13.1 ON JUN 17	3 850 000	1951
1952	---	575 ON MAY 16	22.8 ON MAY 4	4 700 000	1952
1953	---	428 ON MAY 5	9.83 ON OCT 4	4 390 000	1953
1954	---	527 ON OCT 17	21.0 ON MAY 23	4 340 000	1954
1955	---	215 ON JAN 31	4.25 ON SEP 4	3 740 000	1955
1956	---	581 ON MAY 29	19.8 ON DEC 24	3 820 000	1956
1957	---	685 ON JUL 10 *	13.6 ON JUN 2	3 770 000	1957
1958	---	276 ON OCT 28	14.7 ON AUG 31	3 880 000	1958
1959	---	241 ON APR 15	3.96 ON MAY 3	3 500 000	1959
1960	---	657 ON MAY 21	20.7 ON APR 3	5 540 000	1960
1961	---	317 ON SEP 25	8.61 ON JUN 18	3 720 000	1961
1962	---	555 ON JUN 2	0 ON AUG 6 *	4 270 000	1962
1963	---	196 ON JUL 9	0 ON JUN 9	3 010 000	1963
1964	---	648 ON JUN 23	0 ON AUG 18	4 380 000	1964
1965	---	289 ON OCT 16	0 ON APR 30	4 050 000	1965
1966	---	309 ON DEC 12	0 ON JUL 1	4 240 000	1966
1967	---	623 ON MAY 24	5.85 ON AUG 20	5 380 000	1967
1968	---	644 ON JUL 20	0 ON JUN 30	4 240 000	1968
1969	---	425 ON OCT 14	7.38 ON MAY 18	4 850 000	1969
1970	---	289 ON JUL 21	8.80 ON JUN 14	3 980 000	1970
1971	---	258 ON JUL 20	8.23 ON MAR 28	3 820 000	1971
1972	---	205 ON JUN 18	8.80 ON SEP 17	3 500 000	1972
1973	---	194 ON MAY 29	8.61 ON APR 2	3 470 000	1973
1974	---	552 ON JUN 5	0.850 ON MAY 21	4 040 000	1974
1975	---	179 ON FEB 7	8.52 ON APR 28	3 400 000R	1975
1976	---	411 ON MAY 28	13.0 ON APR 16	4 280 000	1976
1977	---	178 ON MAR 18	8.21 ON APR 21	3 430 000	1977
1978	---	382 ON JUL 3	0 ON MAY 13	3 530 000	1978
1979	---	838 ON JUN 21	8.78 ON APR 21	5 530 000	1979
1980	---	411 ON MAY 12	9.06 ON APR 25	4 570 000	1980
1981	---	387 ON MAY 16	12.2 ON APR 20	3 780 000	1981
1982	---	180 ON DEC 1	8.81 ON MAY 9	3 080 000	1982
1983	---	280 ON JUN 14	29.8 ON MAY 22	3 910 000	1983
1984	---	181 ON AUG 22	17.0 ON JUN 28	3 000 000	1984
				4 040 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

ALBANY RIVER ABOVE HOTTIK ISLAND - STATION NO. 04GD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	---	157	101	---	1966
1967	77.7	68.8	67.7	70.0	366	824	274	252	123	88.1	133	81.0	186	1967
1968	73.5	67.5	67.2	83.5	808	581	542	693	563	574	597	389	403	1968
1969	282	216	168	179	672	775	575	344	480	580	612	328	427	1969
1970	242	183	118	74.5	347	407	377	352	433	534	480	317	320	1970
1971	256	223	199	217	883	408	200	294	135	318	388	243	287	1971
1972	198	167	149	153	414	294	184	188	184	302	218	139	214	1972
1973	86.5	75.5	67.6	62.4	424	328	421	472	352	285	198	127	243	1973
1974	97.4	78.7	84.9	81.1	542	1 300	818	484	460	471	257	157	398	1974
1975	108	81.6	88.2	75.8	323	495	436	493	302	233	255	184	254	1975
1976	111	80.7	84.9	84.7	388	262	209	124	98.5	154	110	78.3	149	1976
1977	59.2	47.8	42.1	91.6	370	288	332	303	249	289	171	120	204	1977
1978	87.8	72.2	63.0	60.5	294	483	319	466	418	285	188	120	238	1978
1979	80.5	80.7	81.1	78.4	356	374	338	388	452	382	387	221	282	1979
1980	140	102	73.3	80.7	394	208	140	100	110	228	190	107	158	1980
1981	71.7	56.0	63.7	68.1	338	371	208	81.8	48.7	30.4	34.8	47.4	118	1981
1982	44.2	36.9	29.0	38.8	499	510	278	177	244	288	251	144	213	1982
1983	87.5	87.2	83.4	88.2	228	244	514	274	151	191	191	131	185	1983
1984	94.8	74.8	80.2	142	433	437	283	205	115	108	118	107	182	1984
MEAN	123	97.8	82.3	85.8	427	484	357	313	279	293	251	184	247	MEAN

LOCATION - LAT 51 38 30 N DRAINAGE AREA, 32 400 km^2
LONG 88 23 50 W REGULATED

REMARKS - MINOR REGULATION BY DIVERSION TO LAKE WINNIPEG AND LAKE SUPERIOR

ALBANY RIVER ABOVE NOTTIK ISLAND - STATION NO. 04GD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	810 ON JUN 4	88.00 ON APR 18	5 880 000	1967
1968	---	776 ON OCT 29	56.65 ON MAR 14	12 800 000	1968
1969	934 AT 00:01 EST ON JUN 14	934 ON JUN 14	129 B ON APR 20	13 500 000	1969
1970	812 AT 05:28 EST ON OCT 15	812 ON OCT 15	84.68 ON APR 23	10 100 000	1970
1971	810 AT 17:30 EST ON MAY 21	788 ON MAY 21	105 ON SEP 28	9 380 000	1971
1972	501 AT 12:00 EST ON MAY 22	501 ON MAY 22	113 B ON DEC 31	6 780 000	1972
1973	588 AT 00:52 EST ON AUG 18	585 ON AUG 18	84.00 ON APR 13	7 870 000	1973
1974	1 380 AT 04:01 EST ON JUN 2 *	1 340 ON JUN 1 *	88.98 ON APR 5	12 500 000	1974
1975	---	---	---	---	
1976	5150 AT 20:00 EST ON APR 18	565A ON JUN 23	65.10 ON MAR 30	8 010 000	1975
1977	408 AT 03:10 EST ON MAY 12	513 ON MAY 17	62.38 ON MAR 23	4 710 000	1976
1978	592 AT 22:06 EST ON AUG 26	405 ON MAY 12	41.38 ON MAR 24	6 420 000	1977
1979	804 AT 18:01 EST ON MAY 25	592 ON AUG 26	57.88 ON APR 8	7 430 000	1978
		502 ON MAY 25	58.18 ON FEB 28	6 280 000	1979
1980	485 AT 23:45 EST ON MAY 12	482 ON MAY 13	57.78 ON APR 12	4 840 000	1980
1981	471 AT 08:50 EST ON MAY 23	470 ON MAY 23	26.6 ON OCT 16 *	3 730 000	1981
1982	763 AT 19:14 EST ON MAY 23	758 ON MAY 24	27.78 ON MAR 20	6 730 000	1982
1983	703 AT 12:00 EST ON JUL 18	703 ON JUL 18	59.58 ON APR 8	5 850 000	1983
1984	488 AT 00:24 EST ON MAY 12	483 ON MAY 10	58.08 ON APR 5	5 750 000	1984
				7 800 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ALBANY RIVER BELOW ACHAPI LAKE - STATION NO. 04GC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	83.7	81.2	80.3	162	170	---	1970
1971	152	143	118	58.9	80.4	71.8	51.7	36.3	25.5	39.6	77.5	98.8	78.8	1971
1972	122	102	84.0	80.5	78.2	48.6	38.1	30.0	46.2	58.1	40.5	28.6	65.5	1972
1973	33.8	21.2	20.1	28.5	52.7	38.5	60.8	81.3	73.2	55.8	41.5	28.6	44.1	1973
1974	23.2	20.2	18.6	22.5	104	519	434	161	287	130	67.6	43.8	153	1974
1975	32.1	26.9	22.4	26.3	91.6	74.7	56.3	73.1	47.7	37.8	36.6	28.0	48.2	1975
1976	23.6	21.5	19.9	36.0	53.5	39.7	26.5	21.2	23.1	23.0	17.1	13.2	26.6	1976
1977	9.13	7.89	7.28	27.5	62.1	41.1	63.5	54.3	66.4	49.9	36.6	30.1	38.2	1977
1978	26.5	23.5	19.3	19.1	68.3	99.1	153	217	82.8	51.0	39.6	28.5	69.3	1978
1979	21.0	18.2	16.7	28.0	84.2	76.6	61.8	62.8	99.9	72.9	76.6	47.9	57.6	1979
1980	28.0	22.2	20.1	31.8	52.3	36.5	28.4	22.4	38.6	45.6	31.7	21.5	31.4	1980
1981	16.8	15.3	13.8	19.2	48.4	41.3	31.3	18.7	13.3	12.5	12.9	9.72	21.1	1981
1982	7.49	6.75	7.74	15.0	78.3	82.3	68.8	37.1	42.5	45.0	45.2	33.1	38.8	1982
1983	25.6	22.9	22.0	23.4	38.9	36.6	71.9	42.2	34.8	38.9	34.3	29.4	35.3	1983
1984	27.7	24.3	20.1	41.0	82.3	75.4	50.6	40.5	34.8	33.7	38.0	32.5	39.9	1984
MEAN	38.5	33.9	30.0	33.8	88.9	90.1	85.1	88.0	88.5	51.8	50.5	42.9	53.1	MEAN

LOCATION - LAT 51 22 00 N LONG 89 25 20 W DRAINAGE AREA, 18 300 km^2 REGULATED

ALBANY RIVER BELOW ACHAPI LAKE - STATION NO. 04GC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	---	150 B ON JAN 1	20.1 ON SEP 28	2 520 000	1971
1972	---	141 ON JAN 1	25.6 B ON DEC 31	2 070 000	1972
1973	---	91.2E ON AUG 16	19.3 ON APR 13	1 380 000	1973
1974	677 AT 18:05 EST ON JUN 20 *	674 ON JUN 20 *	17.7 B ON APR 11	4 820 000	1974
1975	118 AT 14:48 EST ON MAY 8	118 ON MAY 8	20.4 B ON APR 9	1 480 000	1975
1976	---	84.6 ON APR 28	10.4 B ON DEC 31	841 000	1976
1977	---	111 E ON JUL 25	8.808 ON MAR 24	1 200 000	1977
1978	238 AT 14:45 EST ON AUG 18	234 ON AUG 18	15.5 B ON APR 14	2 190 000	1978
1979	133 AT 11:59 EST ON SEP 8	133 ON SEP 8	19.6 B ON MAR 17	1 820 000	1979
1980	86.7 AT 14:00 EST ON MAY 4	84.8 ON MAY 4	18.3 B ON DEC 31	994 000	1980
1981	57.1 AT 15:24 EST ON MAY 14	56.4 ON MAY 14	8.358 ON DEC 31	885 000	1981
1982	98.7 AT 20:59 EST ON MAY 22	98.4 ON MAY 22	8.488 ON MAR 10 *	1 120 000	1982
1983	104 AT 14:26 EST ON JUL 11	98.1 ON JUL 11	21.7 B ON APR 4	1 110 000	1983
1984	99.2 AT 14:08 EST ON JUN 11	95.8 ON JUN 12	19.5 B ON MAR 25	1 280 000	1984
				1 880 000	MEAN

B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ALBANY RIVER NEAR HAT ISLAND - STATION NO. 04HA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	---	---	674R	312 R	---	1964
1965	228 R	205 R	197 R	228R	2 680R	1 500	1 140	557	544	1 530R	845R	516 R	870R	1965
1966	474	392	299	---	---	---	---	---	---	---	---	383 R	---	1966
1967	241 R	171 R	131 R	558R	3 540R	2 260	809R	808R	322R	633	808	251	882R	1967
1968	187	145	127	1 720	2 850	1 880	2 130	2 790	1 740	1 820	1 200	585	1 430	1968
1969	447	367	297	684	4 130	2 870	2 090	1 410	1 440	1 530	918	507	1 400	1969
1970	353 R	277 R	203 R	212R	2 950	1 670	1 220	854	---	---	---	---	---	1970
1971	---	---	278	858	3 600	1 870	713	853	---	---	---	---	---	1971
1972	---	316	272	297	2 580	1 110	733	827	552	1 170	723	316	---	1972
1973	284	183	150	784	2 670	1 270	2 110	1 310	778	890	358	245	906	1973
1974	223	206	188	209	3 450	4 170	2 170R	1 350R	1 220	1 510	855	370	1 330R	1974
1975	259	284	249	480	2 940	2 380	1 400	1 150	832	887	1 190	284	1 030	1975
1976	231	178	128	1 780	2 580	1 220	687	376	302	386	270	143	880	1976
1977	115	107	119	1 840	2 370	1 010	1 800	885	1 530	1 080	707	231	987	1977
1978	184	187	138	207	2 800	2 380	831	922	1 080	851	451	239	858	1978
1979	182	151	154	920	2 810	1 850	842	817	1 430	1 280	1 080	428	982	1979
1980	333	235	157	791	3 220	841	334	325	397	1 010	738	307	724	1980
1981	192	145	215	847	2 080	1 250	554	195	114	121	131	81.5	505	1981
1982	81.4	77.5	76.3	145	3 880	1 820	1 280	808	935	1 380	788	388	961	1982
1983	238	188	184	360	3 010	1 600	1 480	587	502	1 580	1 100	529	950	1983
1984	264	184	142	1 570	2 730	2 350	1 320	940	400	523	485	324	936	1984
MEAN	262 R	207 R	185 R	744R	3 000R	1 830	1 240R	901R	831R	1 060R	750R	336 R	984	MEAN

LOCATION - LAT 51 15 30 N DRAINAGE AREA, 118 000 km²
LONG 83 52 20 W REGULATED SINCE 1934

R - REVISED SINCE JAN 1980

ALBANY RIVER NEAR HAT ISLAND - STATION NO. 04HA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	4 190R AT 09:00 EST ON MAY 11	4 190RB ON MAY 11	193 RB ON APR 6	27 400 000R	1965
1966	---	---	---	---	1966
1967	---	4 810RE ON MAY 25	122 RB ON MAR 23	27 800 000R	1967
1968	3 790 AT 17:30 EST ON APR 30	3 770 ON MAY 1	110 B ON MAR 20	45 100 000	1968
1969	5 230 AT 01:00 EST ON MAY 7 *	5 810 ON MAY 7	283 B ON APR 9	44 100 000	1969
1970	4 730R AT 08:00 EST ON MAY 3	4 700 ON MAY 3	148 RB ON APR 17	---	1970
1971	5 320 AT 03:39 EST ON MAY 10	---	---	---	1971
1972	3 800 AT 20:30 EST ON MAY 15	3 570 ON MAY 15	---	---	1972
1973	3 620 AT 12:20 EST ON MAY 12	3 620 ON MAY 12	125 B ON MAR 2	28 800 000	1973
1974	---	5 950E ON MAY 25	171 B ON APR 17	42 000 000R	1974
1975	---	4 780E ON MAY 7	215 B ON DEC 31	32 500 000	1975
1976	---	6 800B ON APR 24 *	113 B ON MAR 22	21 800 000	1976
1977	5 040 AT 17:00 EST ON APR 25	5 010 ON APR 25	105 B ON FEB 24	30 500 000	1977
1978	4 250 AT 05:00 EST ON MAY 17	4 220 ON MAY 17	123 B ON MAR 27	27 100 000	1978
1979	3 590 AT 18:54 EST ON MAY 14	3 570 ON MAY 14	139 B ON MAR 10	31 000 000	1979
1980	5 280 AT 23:24 EST ON MAY 2	5 270 ON MAY 2	130 B ON APR 3	22 900 000	1980
1981	3 050 AT 04:00 EST ON MAY 7	2 740 ON MAY 7	85.0E ON OCT 6	15 900 000	1981
1982	6 040 AT 14:59 EST ON MAY 8	6 000 ON MAY 8	74.0B ON MAR 12 *	30 300 000	1982
1983	---	3 470E ON MAY 24	157 B ON APR 7	30 000 000	1983
1984	4 280 AT 07:30 EST ON APR 30	4 280 ON APR 30	129 B ON MAR 20	29 800 000	1984
				30 400 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

ALDER CREEK NEAR NEW DUNDEE - STATION NO. 02GA030

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	0.024	0.108	0.182	0.305	---	1965
1966	0.088	0.189	0.340	0.127	0.083	0.052	0.006	0.017	0.020	0.028	0.188	0.322	0.122	1966
1967	0.178	0.133	0.482	0.485	0.134	0.487	0.155	0.088	0.070	0.211	0.277	0.322	0.250	1967
1968	0.188	0.700	1.12	0.188	0.150	0.088	0.043	0.245	0.209	0.152	0.184	0.158	0.289	1968
1969	---	0.182	---	---	---	---	---	0.050	0.035	0.088	0.185	0.080	---	1969
1970	0.053	0.087	0.182	0.404	0.137	0.043	0.076	0.033	0.084	0.102	0.189	0.193	0.127	1970
1971	0.070	0.147	0.279	0.888	0.089	0.050	0.044	0.058	0.038	0.084	0.080	0.181	0.147	1971
1972	0.288	0.088	0.587	0.842	0.128	0.228	0.181	0.088	0.088	0.144	0.184	0.188	0.244	1972
1973	0.137	0.150	1.16	0.258	0.204	0.088	0.088	0.088	0.084	0.085	0.188	0.111	0.214	1973
1974	0.148	0.098	0.870	0.398	0.281	0.138	0.080	0.048	0.055	0.088	0.188	0.088	0.178	1974
1975	0.188	0.524	0.818	0.800	0.188	0.133	0.049	0.208	0.107	0.082	0.138	0.203	0.240	1975
1976	0.280	0.488	0.890	0.353	0.241	0.077	0.078	0.138	0.102	0.107	0.107	0.088	0.243	1976
1977	0.018	0.024	0.738	0.401	0.077	0.085	0.047	0.081	0.318	0.387	0.181	0.347	0.222	1977
1978	0.148	0.078	0.249	1.02	0.188	0.058	0.050	0.040	0.171	0.080	0.104	0.108	0.188	1978
1979	0.118	0.087	1.43	0.808	0.211	0.109	0.078	0.083	0.078	0.087	0.240	0.418	0.294	1979
1980	0.238	0.048	1.08	0.423	0.138	0.122	0.070	0.057	0.080	0.080	0.128	0.178	0.220	1980
1981	0.081	0.771	0.172	0.182	0.118	0.087	0.058	0.058	0.147	0.181	0.108	0.077	0.184	1981
1982	0.048	0.032	1.23	0.784	0.098	0.130	0.088	0.140	0.122	0.088	0.317	0.582	0.303	1982
1983	0.178	0.448	0.238	0.322	0.383	0.128	0.078	0.087	0.084	0.105	0.188	0.278	0.204	1983
1984	0.081	0.807	0.887	0.388	0.188	0.218	0.078	0.085	0.127	0.088	0.188	0.387	0.258	1984
MEAN	0.138	0.283	0.688	0.482	0.183	0.128	0.072	0.084	0.088	0.113	0.188	0.228	0.217	MEAN

LOCATION - LAT 43 22 10 N DRAINAGE AREA, 48.7 km²
LONG 80 33 08 W REGULATED

ALDER CREEK NEAR NEW DUNDEE - STATION NO. 02GA030

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1985	---	---	---	---	1985
1986	4.13 AT 08:00 EST ON DEC 7	2.89 ON DEC 7	0.003 ON JUL 12 *	3 850	1986
1987	7.08 AT 07:00 EST ON JUN 28	2.89 ON JUN 28	0.028 ON JUN 6	7 900	1987
1988	9.548 AT 15:00 EST ON MAR 16	7.08 ON FEB 2	0.023 ON JUL 30	9 000	1988
1989	---	---	---	---	1989
1970	2.80 AT 05:08 EST ON APR 3	1.07 ON APR 8	0.019 ON SEP 7	4 010	1970
1971	8.888 AT 07:30 EST ON APR 2	2.838 ON APR 2	0.010 ON JUL 12	4 830	1971
1972	5.66 AT 08:43 EST ON APR 13	4.79 ON APR 13	0.042 ON SEP 22	7 700	1972
1973	19.1 B AT 18:00 EST ON MAR 4	4.36 ON MAR 11	0.022 ON SEP 9	6 740	1973
1974	11.1 AT 01:08 EST ON MAR 5	4.73 ON MAR 5	0.021 ON AUG 20	5 570	1974
1975	14.0 AT 19:41 EST ON FEB 24	9.46 ON FEB 24	0.018 ON AUG 1	7 580	1975
1976	7.53 AT 18:46 EST ON MAR 5	3.88 ON MAR 20	0.046 ON JUN 21	7 680	1976
1977	13.2 B AT 03:46 EST ON MAR 13	6.978 ON MAR 13	0.0118 ON JAN 21	7 010	1977
1978	6.26 AT 15:02 EST ON APR 1	3.40 ON APR 1	0.025 ON SEP 8	5 920	1978
1979	21.2 B AT 17:05 EST ON MAR 4	10.0 B ON MAR 4	0.0318 ON FEB 19	9 260	1979
1980	22.0 AT 12:14 EST ON MAR 21 *	10.1 ON MAR 21	0.0258 ON MAR 13	8 950	1980
1981	---	5.808 ON FEB 20	0.028 ON AUG 2	5 190	1981
1982	17.4 AT 16:00 EST ON MAR 31	12.8 ON MAR 31 *	0.0248 ON FEB 7	9 550	1982
1983	6.50 AT 21:20 EST ON FEB 3	3.14 ON FEB 3	0.041 ON SEP 15	6 430	1983
1984	15.0 B AT 09:16 EST ON FEB 14	8.008 ON FEB 14	0.045 ON JUL 30	8 150	1984
				6 840	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

AMABLE DU FOND RIVER AT SAMUEL DE CHAMPLAIN PROVINCIAL PARK - STATION NO. 02JE019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	5.84	5.97	5.68	25.9	67.6	23.8	16.6	16.2	13.7	14.4	19.2	13.0	19.4	1972
1973	10.6	16.2	34.4	55.2	31.3	28.6	23.6	16.4	11.1	9.35	9.83	13.8	22.0	1973
1974	10.8	11.4	16.5	47.5	49.9	20.7	13.1	9.38	7.16	4.26	15.9	11.4	18.2	1974
1975	8.43	6.66	7.29	27.6	38.5	13.4	4.24	1.97	2.32	5.80	8.03	14.6	11.6	1975
1976	12.7	8.85	22.4	62.5	31.6	14.2	12.5	3.88	3.70	3.42	3.88	6.55	15.4	1976
1977	5.33	4.89	16.0	52.9	26.6	6.13	3.66	4.76	9.14	14.6	17.6	17.6	14.8	1977
1978	10.6	7.42	6.26	24.6	38.4	13.3	5.84	4.33	4.81	10.1	10.6	7.85	12.0	1978
1979	8.06	7.33	16.6	52.3	41.2	14.1	6.58	4.84	6.15	8.02	20.4	20.7	17.0	1979
1980	13.3	8.28	12.2	58.8	26.0	19.1	20.3	17.8	22.6	30.0	26.6	17.4	22.6	1980
1981	11.3	16.1	23.6	64.8	28.7	22.6	12.6	7.94	15.0	23.7	18.0	13.6	20.7	1981
1982	10.1	7.00	7.48	41.0	30.9	8.44	6.81	3.10	3.84	6.81	14.2	27.8	14.0	1982
1983	24.3	12.3	16.7	39.7	50.0	22.6	8.07	3.28	4.61	11.6	18.4	16.2	18.1	1983
1984	10.3	15.2	16.4	49.1	31.9	26.6	17.9	9.10	7.15	6.99	23.3	19.7	19.4	1984
MEAN	10.9	9.82	15.4	44.7	38.1	18.1	11.6	8.27	8.48	11.4	15.7	15.3	17.3	MEAN

LOCATION - LAT 46 18 00 N DRAINAGE AREA, 1 130 km^2
LONG 78 52 45 W REGULATED

AMABLE DU FOND RIVER AT SAMUEL DE CHAMPLAIN PROVINCIAL PARK - STATION NO. 02JE019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	115 AT 15:42 EST ON MAY 9 *	114 ON MAY 9 *	5.498 ON MAR 13	813 000	1972
1973	97.1 AT 22:31 EST ON JUN 27	88.9 ON JUN 26	8.41 ON OCT 12	883 000	1973
1974	81.3 AT 23:00 EST ON APR 23	81.0 ON APR 24	2.58 ON OCT 9	573 000	1974
1975	73.3 AT 13:42 EST ON MAY 3	72.8 ON MAY 3	1.48 ON SEP 5 *	386 000	1975
1976	94.6 AT 07:49 EST ON APR 2	92.6 ON APR 2	2.17 ON AUG 30	486 000	1976
1977	81.2 AT 05:54 EST ON APR 18	80.9 ON APR 18	2.83E ON JUL 21	471 000	1977
1978	80.8 AT 04:53 EST ON APR 29	80.3 ON APR 29	2.96 ON AUG 14	377 000	1978
1979	83.8 AT 05:28 EST ON APR 28	81.8 ON APR 28	3.48 ON OCT 4	537 000	1979
1980	91.6 AT 12:54 EST ON APR 10	88.7 ON APR 10	7.208 ON MAR 15	714 000	1980
1981	87.1 AT 16:25 EST ON APR 5	83.6 ON APR 5	5.13 ON AUG 28	853 000	1981
1982	75.7 AT 23:08 EST ON APR 18	72.6 ON APR 19	2.66 ON AUG 18	440 000	1982
1983	91.3 AT 13:09 EST ON MAY 8	88.1 ON MAY 8	2.83 ON AUG 18	571 000	1983
1984	71.1 AT 05:07 EST ON APR 21	70.3 ON APR 21	5.08 ON OCT 19	812 000	1984
				647 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

ARMSTRONG CREEK AT MARKDALE - STATION NO. 02FC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1930	---	---	---	---	---	---	---	0.177	0.183	---	---	---	---	1930
MEAN	---	---	---	---	---	---	---	0.177	0.183	---	---	---	---	MEAN

LOCATION - LAT 44 18 43 N DRAINAGE AREA, 9.32 km^2
LONG 80 38 28 W NATURAL FLOW

ASHEWEIG RIVER ABOVE LONG DOG LAKE - STATION NO. 04DB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	---	13.7	---	1967
1968	9.01	6.37	4.66	4.92	23.6	25.9	44.6	56.5	53.6	85.6	48.8	19.2	30.3	1968
1969	10.9	8.61	7.67	14.1	48.5	42.5	57.2	29.3	58.3	136	42.9	20.2	40.9	1969
1970	12.5	9.00	6.99	6.00	79.6	86.8	86.0	24.5	45.1	75.6	51.7	20.8	40.6	1970
1971	13.7	11.8	10.3	19.6	140	39.5	26.2	38.7	25.0	80.0	61.1	34.3	42.0	1971
1972	18.3	10.2	6.29	6.11	69.9	68.4	31.5	37.3	31.6	78.3	34.3	15.5	35.8	1972
1973	10.8	8.77	7.37	6.80	33.0	58.2	63.5	22.5	21.5	30.9	39.0	26.2	27.5	1973
1974	15.0	9.38	8.98	6.52	44.4	169	86.4	32.6	46.6	36.8	21.0	18.2	40.9	1974
1975	12.4	9.81	7.91	7.99	77.8	56.6	48.7	101	43.2	28.1	26.7	15.2	36.5	1975
1976	9.85	7.89	6.55	15.2	81.7	59.6	31.4	28.1	14.7	11.8	10.4	8.41	23.9	1976
1977	7.34	6.75	6.39	18.1	51.2	---	---	---	---	---	---	---	---	1977
MEAN	12.0	8.86	7.13	10.5	67.0	65.2	52.8	41.2	38.8	58.4	39.5	19.0	35.4	MEAN

LOCATION - LAT 53 31 40 N DRAINAGE AREA, 3 240 km²
LONG 88 17 40 W NATURAL FLOW

ASHEWEIG RIVER ABOVE LONG DOG LAKE - STATION NO. 04DB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	97.4 ON OCT 26	3.57 ON APR 3 *	959 000	1968
1969	187 AT 17:00 EST ON OCT 1	187 ON OCT 2	7.76B ON MAR 16	1 290 000	1969
1970	136 AT 19:50 EST ON JUL 8	137 ON JUL 9	4.90 ON APR 21	1 280 000	1970
1971	200 AT 14:39 EST ON MAY 16 *	199 ON MAY 16	9.49B ON APR 7	1 320 000	1971
1972	123 AT 17:16 EST ON MAY 22	121 ON MAY 22	4.45B ON APR 12	1 130 000	1972
1973	---	94.3E ON JUN 2	6.60E ON APR 16	897 000	1973
1974	---	212 E ON JUN 23 *	5.00B ON APR 11	1 290 000	1974
1975	128 AT 00:14 EST ON AUG 19	127 ON AUG 18	5.34B ON APR 18	1 150 000	1975
1976	118 AT 16:20 EST ON MAY 20	117 ON MAY 21	5.72B ON APR 8	755 000	1976
1977	88.0 AT 15:30 EST ON MAY 7	87.1 ON MAY 4	---	---	1977
				1 120 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ASHEWEIG RIVER AT STRAIGHT LAKE - STATION NO. 04DB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	31.4	24.4	18.7	13.4	20.4	275	109	53.9	33.5	22.7	22.6	35.9	54.8	1967
1968	30.0	22.0	15.8	12.9	35.9	71.2	76.7	107	128	116	175	83.5	71.3	1968
1969	33.7	24.8	20.6	18.2	84.3	143	122	85.7	122	328	145	88.7	101	1969
1970	41.8	28.7	21.6	19.4	100	185	164	96.5	62.7	188	153	88.8	97.9	1970
1971	58.8	43.5	35.0	30.8	261	186	71.5	123	81.6	124	179	87.4	108	1971
1972	43.5	24.7	16.9	15.4	94.6	215	115	86.1	74.5	220	121	59.8	90.8	1972
1973	33.0	20.8	15.2	13.9	105	270	234	99.6	57.9	61.9	88.2	74.7	88.9	1973
1974	44.8	29.8	21.2	18.7	26.9	302	241	70.9	110	89.7	68.6	48.1	90.0	1974
1975	35.0	25.9	19.3	15.2	70.8	175	136	210	163	76.8	84.4	39.7	88.4	1975
1976	26.8	21.7	18.4	20.1	123	181	124	81.0	61.1	40.6	30.5	23.7	82.8	1976
1977	19.3	16.5	14.6	25.0	73.5	93.9	39.3	25.2	49.6	58.4	57.7	42.4	43.1	1977
1978	31.1	25.1	22.2	24.5	214	198	187	130	103	83.9	86.9	48.1	93.3	1978
1979	34.6	24.6	18.1	30.7	104	116	83.5	89.5	87.0	82.9	79.9	51.8	86.3	1979
1980	43.0	29.5	25.0	67.4	205	100	75.7	80.5	86.5	192	105	57.4	86.0	1980
1981	40.1	31.6	24.0	18.7	70.9	180	109	43.7	36.5	86.8	108	83.3	70.6	1981
1982	55.8	36.2	26.0	19.9	175	247	209	125	117	113	114	86.9	108	1982
1983	46.2	30.4	21.2	15.9	39.1	122	79.6	80.0	36.9	71.9	88.7	73.5	86.3	1983
1984	62.1	42.7	26.2	23.8	158	116	80.8	47.5	28.8	36.8	84.8	80.8	82.6	1984
MEAN	39.4	27.9	21.1	22.3	109	177	124	88.6	80.0	112	95.6	80.2	80.0	MEAN

LOCATION - LAT 53 43 00 N DRAINAGE AREA, 7 950 km²
LONG 87 58 40 W NATURAL FLOW

ASHEWEIG RIVER AT STRAIGHT LAKE - STATION NO. 04DB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	362 ON JUN 14	12.2 ON MAY 12	1 730 000	1967
1968	---	216 ON NOV 5	10.6 ON APR 11 *	2 250 000	1968
1969	374 AT 16:00 EST ON OCT 11	371 ON OCT 11	16.7 ON APR 19	3 180 000	1969
1970	278 AT 22:05 EST ON JUN 3	277 ON JUN 4	19.0B ON APR 12	3 090 000	1970
1971	450 AT 15:41 EST ON MAY 25 *	447 ON MAY 24 *	29.2B ON APR 21	3 410 000	1971
1972	285 AT 12:25 EST ON OCT 15	280 ON OCT 15	14.3B ON APR 15	2 870 000	1972
1973	382 AT 21:40 EST ON JUN 2	382 ON JUN 2	13.4B ON APR 17	2 840 000	1973
1974	430 AT 03:12 EST ON JUN 27	428 ON JUN 26	15.7 ON MAY 4	2 840 000	1974
1975	288 AT 09:52 EST ON AUG 27	287 ON AUG 27	14.3B ON APR 20	2 730 000	1975
1976	---	238E ON MAY 27	18.1B ON APR 13	1 890 000	1976
1977	---	131E ON MAY 31	13.6B ON MAR 27	1 380 000	1977
1978	---	294E ON MAY 16	21.1B ON APR 12	2 840 000	1978
1979	144 AT 14:00 EST ON JUN 3	143 ON JUN 5	17.5B ON APR 8	2 090 000	1979
1980	---	252E ON MAY 7	24.0B ON MAR 13	2 720 000	1980
1981	184 AT 17:48 EST ON JUN 4	181 ON JUN 7	17.6B ON APR 22	2 230 000	1981
1982	338 AT 14:50 EST ON MAY 25	331 ON MAY 25	18.2 ON APR 27	3 450 000	1982
1983	145 AT 09:01 EST ON JUN 8	145 ON JUN 8	15.0B ON APR 24	1 780 000	1983
1984	210 AT 17:08 EST ON MAY 15	208 ON MAY 15	18.4 ON APR 16	1 880 000	1984
				2 530 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ATIKOKAN RIVER AT ATIKOKAN - STATION NO. 05PB018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	3.51	3.40	3.59	---	---	---	---	3.34	3.00	3.68	3.11	3.05	---	1979
1980	2.98	---	2.97	3.71	3.21	2.98	3.07	2.80	4.05	3.89	3.82	3.89	---	1980
1981	---	---	---	---	5.61	4.81	2.84	1.80	0.938	1.24	0.978	0.818	---	1981
1982	---	---	1.32	---	---	---	---	5.47	2.32	4.76	---	5.25	---	1982
1983	4.40	2.78	2.32	3.05	3.28	---	---	---	2.59	3.32	2.45 R	1.98 R	---	1983
1984	1.73	1.58	1.46	5.13	5.10	5.05	3.67	2.49	1.89	1.45	1.60	1.52	2.71	1984
MEAN	3.16	2.59	2.32	3.97	4.32	4.31	3.23	3.14	2.43	2.86	2.35 R	2.91 R	2.71	MEAN

LOCATION - LAT 48 46 07 N
LONG 91 35 02 W
DRAINAGE AREA, 332 km^2
NATURAL FLOW
R - REVISED SINCE JAN 1980

ATIKOKAN RIVER AT ATIKOKAN - STATION NO. 05PB018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	2.53 ON OCT 18	---	1979
1980	7.70 AT 17:00 CST ON SEP 13 *	5.74 ON SEP 14	2.49 ON JUN 27	---	1980
1981	---	---	---	---	1981
1982	---	---	---	---	1982
1983	---	---	---	---	1983
1984	---	9.24 ON APR 13 *	1.22 ON OCT 15 *	85 800	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		85 800	MEAN

ATTAWAPISKAT RIVER BELOW ATTAWAPISKAT LAKE - STATION NO. 04FB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	---	404R	220 R	---	1965
1966	127 R	84.2R	92.2R	80.5R	691R	1 190	721	250	188	188	174	117	318R	1966
1967	78.1	84.3	49.7	85.2	457R	892R	282	221	116	83.2	121	107	210R	1967
1968	81.6	97.2	44.2	76.9R	496	676	595	457	418	388	514	178	333R	1968
1969	112	97.0	82.4	105	698	726	815	348	386	884	368	188	392	1969
1970	118	85.0	84.8	57.4	452	502	388	413	480	864	405	179	315	1970
1971	108	75.9	89.8	78.4	927	486	248	540	188	332	457	278	315	1971
1972	151	83.4	87.2	71.7	540	488	294	388	208	419	308	178	284	1972
1973	111	77.8	81.0	84.8	553	388	387	242	272	388	281	172	242	1973
1974	110	77.7	83.8	88.0	478	1 340	527	310	880	377	230	148	388	1974
1975	97.8	72.4	88.3	89.8	590	509	420	804	298	180	178	114	287	1975
1976	79.3	83.0	83.3	86.9	381	270	213	138	127	180	117	77.8	138	1976
1977	84.5	41.3	34.9	75.7	245	312	383	281	378	378	182	139	202	1977
1978	110	83.7	88.4	83.5	581	594	313	344	487	338	282	189	284	1978
1979	97.8	70.4	83.4	81.8	580	478	384	426	681	507	474	238	337	1979
1980	148	88.0	80.8	88.7	418	183	134	108	134	348	244	127	178	1980
1981	79.4	88.7	45.8	87.4	451	383	188	83.8	---	---	---	---	---	1981
1982	81.0	88.2	47.8	83.5	950	740	388	217	284	338	283	148	302	1982
1983	80.4	87.8	88.4	88.4	214	281	483	222	118	123	133	108	182	1983
1984	87.0	81.2	83.0	242	581	423	248	142	82.2	101	177	143	188	1984
MEAN	101 R	73.3R	87.1R	81.1R	534R	568R	392	303	308	317	278R	159 R	288	MEAN

LOCATION - LAT 52 05 15 N
LONG 87 04 42 W
DRAINAGE AREA, 24 200 km^2
NATURAL FLOW
R - REVISED SINCE JAN 1980

REMARKS - STATION RELOCATED AUG 1984

ATTAWAPISKAT RIVER BELOW ATTAWAPISKAT LAKE - STATION NO. 04FB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	1 260RE ON MAY 26	52.9RB ON APR 9	10 000 000R	1966
1967	---	1 150RE ON JUN 7	49.3B ON MAR 4	8 830 000R	1967
1968	753 AT 12:00 EST ON NOV 3	753 ON NOV 3	39.6B ON APR 4	10 500 000R	1968
1969	1 120 AT 13:00 EST ON JUL 8	1 120 ON JUL 7	73.6B ON APR 4	12 400 000	1969
1970	735 AT 13:38 EST ON OCT 5	733 ON OCT 3	54.1B ON APR 15	9 940 000	1970
1971	1 240 AT 07:42 EST ON MAY 21	1 240 ON MAY 21	49.3B ON APR 15	9 920 000	1971
1972	844 AT 20:48 EST ON MAY 26	844 ON MAY 26	54.3B ON APR 9	8 380 000	1972
1973	---	835E ON MAY 22	53.6B ON APR 15	7 810 000	1973
1974	1 440 AT 04:06 EST ON JUN 11 *	1 440 ON JUN 10 *	56.6B ON APR 14	11 500 000	1974
1975	---	827E ON MAY 18	51.0B ON APR 22	8 400 000	1975
1976	---	343 ON JUN 6	49.0B ON APR 9	4 370 000	1976
1977	---	453 ON SEP 21	32.6B ON MAR 26 *	8 380 000	1977
1978	---	807E ON MAY 19	44.2B ON APR 14	8 960 000	1978
1979	847 AT 14:45 EST ON MAY 26	843 ON MAY 27	46.6B ON APR 13	10 800 000	1979
1980	541 AT 14:18 EST ON MAY 14	539 ON MAY 14	45.9B ON APR 7	5 550 000	1980
1981	---	695E ON MAY 24	42.1B ON APR 4	---	1981
1982	---	1 170E ON MAY 23	40.6B ON APR 7	9 530 000	1982
1983	823 AT 15:16 EST ON JUL 18	820 ON JUL 18	51.6B ON APR 14	9 100 000	1983
1984	---	732E ON MAY 3	57.9B ON MAR 31	8 290 000	1984
				8 450 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

ATTAWAPISKAT RIVER BELOW MUKETEI RIVER - STATION NO. 04FC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	81.6	66.6	62.9	105	787	842	753	518	490	848	812	335	488	1968
1969	196	121	75.7	84.8	1 080	981	1 230	502	837	988	470	248	549	1969
1970	180	115	84.0	86.3	712	742	448	507	811	1 030	588	328	486	1970
1971	188	118	78.4	114	1 810	857	382	804	274	748	489	215	493	1971
1972	135	99.9	80.2	86.3	728	837	323	452	290	848	439	230	345	1972
1973	124	86.1	78.6	92.7	1 000	884	687	188	199	303	282	172	320	1973
1974	118	87.3	70.3	85.5	848	1 770	857	347	855	842	289	193	470	1974
1975	148	122	104	101	845	792	713	1 100	475	300	280	122	408	1975
1976	77.2	60.3	54.0	231	1 510	484	238	141	88.8	104	78.1	52.7	262	1976
1977	58.8	48.7	44.5	326	896	450	508	374	834	380	218	143	326	1977
1978	104	80.1	84.0	85.5	815	849	387	576	776	447	339	191	392	1978
1979	114	84.2	69.0	101	712	884	447	517	836	871	833	288	428	1979
1980	147	92.9	73.4	190	839	332	189	145	188	644	348	148	271	1980
1981	85.4	64.0	58.1	57.1	738	578	305	118	78.7	118	234	134	215	1981
1982	87.2	59.2	45.4	51.9	884	849	489	308	503	584	429	200	383	1982
1983	118	82.4	68.1	85.6	321	429	704	292	144	211	211	180	235	1983
1984	114	80.1	55.4	203	754	881	400	219	114	131	184	137	255	1984
MEAN	121	86.8	68.4	115	888	734	522	423	435	493	388	194	370	MEAN

LOCATION - LAT 53 05 30 N
LONG 85 00 30 W
DRAINAGE AREA, 38 000 km^2
NATURAL FLOW

ATTAWAPISKAT RIVER BELOW MUKETEI RIVER - STATION NO. 04FC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	1 270 ON OCT 28	82.3B ON MAR 20	14 800 000	1968
1969	2 080 AT 01:00 EST ON MAY 11 *	1 950 ON MAY 11	49.0B ON APR 13	17 300 000	1969
1970	---	1 280E ON OCT 8	80.3B ON APR 22	14 700 000	1970
1971	---	3 110B ON MAY 10 *	83.4B ON APR 10	15 800 000	1971
1972	1 190 AT 04:30 EST ON MAY 24	1 190 ON MAY 24	84.6B ON APR 22	10 900 000	1972
1973	1 800 AT 01:00 EST ON MAY 23	1 560 ON MAY 23	73.3B ON APR 11	10 100 000	1973
1974	---	1 970E ON JUN 10	85.1B ON APR 7	14 800 000	1974
1975	1 380 AT 13:58 EST ON AUG 13	1 350 ON AUG 12	83.4B ON DEC 31	12 800 000	1975
1976	---	2 510B ON MAY 15	43.9B ON DEC 31	8 270 000	1976
1977	---	1 010B ON APR 29	43.3B ON MAR 26 *	10 300 000	1977
1978	---	1 420E ON MAY 20	83.4B ON APR 25	12 400 000	1978
1979	---	1 080E ON MAY 27	89.7B ON APR 10	13 500 000	1979
1980	---	1 100E ON MAY 11	88.0B ON MAR 31	8 590 000	1980
1981	---	1 070E ON MAY 18	82.5B ON APR 8	8 780 000	1981
1982	---	1 500E ON MAY 11	84.7B ON MAR 15	12 400 000	1982
1983	---	850E ON JUL 19	81.5B ON APR 5	7 400 000	1983
1984	884 AT 02:01 EST ON MAY 8	889 ON MAY 8	48.0B ON APR 8	8 080 000	1984
				11 700 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

AUBINADONG RIVER ABOVE SESABIC CREEK - STATION NO. 02CB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	15.9 R	12.4 R	7.58R	---	1980
1981	5.34	5.10	5.82	72.7	33.0	27.5	18.7	3.83	3.08	8.17	9.00	8.28	16.3	1981
1982	5.24	4.04	5.08	24.2	80.6	12.8	8.38	3.11	6.44	26.2	25.5	21.8	16.8	1982
1983	17.2	8.35	13.1	41.5	89.9	83.9	9.13	8.07	7.15	21.2	15.1	11.8	28.3	1983
1984	7.80	7.84	7.37	80.7	32.4	18.6	25.5	9.73	7.83	16.2	32.8	23.3	19.7	1984
MEAN	8.85	6.38	7.85	47.3	58.5	30.2	14.4	5.71	6.07	17.1 R	18.9 R	14.1 R	19.8	MEAN

LOCATION - LAT 46 58 07 N
LONG 83 25 00 W
DRAINAGE AREA, 1 440 km²
NATURAL FLOW

R - REVISED SINCE JAN 1980

AUBINADONG RIVER ABOVE SESABIC CREEK - STATION NO. 02CB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1980	---	---	---	---	1980
1981	123 AT 23:01 EST ON APR 5	119 ON APR 5	2.70 ON SEP 25	518 000	1981
1982	118 AT 08:21 EST ON MAY 3	118 ON MAY 3	2.84 ON AUG 21 *	529 000	1982
1983	243 AT 14:54 EST ON MAY 31 *	232 ON MAY 31 *	3.08 ON SEP 5	679 000	1983
1984	104 AT 15:09 EST ON APR 17	103 ON APR 17	4.49 ON SEP 23	623 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		624 000	MEAN

AUSABLE RIVER NEAR ARKONA - STATION NO. 02FF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	---	---	---	7.70	14.8	---	1915
1916	53.7	10.5	27.6	28.3	29.2	11.8	1.20	0.945	0.680	1.08	1.04	2.03	14.1	1916
1917	3.19	2.01	37.8	21.8	18.0	11.4	17.8	1.54	0.884	---	---	---	---	1917
MEAN	28.4	6.26	32.8	25.1	23.8	11.7	9.55	1.24	0.782	1.08	4.37	8.47	14.1	MEAN

LOCATION - LAT 43 04 40 N
LONG 81 47 46 W
NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO HYDRO

AUSABLE RIVER NEAR ARKONA - STATION NO. 02FF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1915	---	---	---	---	1915
1916	---	225 ON MAR 29 *	0.538 ON SEP 1 *	445 000	1916
1917	---	105 ON MAR 24	---	---	1917
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		445 000	MEAN

AUSABLE RIVER NEAR EXETER - STATION NO. 02FF009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	0.543	0.132	2.27	2.82	---	1984
MEAN	---	---	---	---	---	---	---	---	0.543	0.132	2.27	2.82	---	MEAN

LOCATION - LAT 43 21 43 N
LONG 81 30 37 W
DRAINAGE AREA, 113 km²
REGULATED

REMARKS - STATION ACTIVATED AUG 1984

AUSABLE RIVER NEAR SPRINGBANK - STATION NO. 02FF002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	15.2	8.22	7.84	---	1945
1946	---	---	34.1	1.80	1.15	1.47	0.331	0.311	0.179	0.258	0.383	1.78	---	1946
1947	---	---	---	53.0	10.3	22.8	5.17	1.54	3.80	1.06	1.52	14.0	---	1947
1948	2.94	12.7	54.4	9.10	13.8	1.15	1.06	0.841	0.139	0.428	3.42	1.57	8.48	1948
1949	15.4	22.5	21.0	5.19	1.49	0.877	0.500	0.153	0.349	5.95	4.31	38.7	9.74	1949
1950	24.5	8.44	48.1	28.0	1.98	1.05	1.11	2.50	0.741	1.87	22.2	39.4	15.1	1950
1951	32.8	38.5	26.1	20.5	2.81	1.89	1.00	0.345	0.318	0.629	7.55	8.81	11.4	1951
1952	27.2	18.1	22.9	18.9	11.2	1.43	0.566	0.337	0.198	0.187	0.488	1.81	8.43	1952
1953	5.51	4.71	21.4	7.08	8.01	11.2	1.21	1.02	0.507	0.314	0.424	1.11	5.21	1953
1954	12.48	47.7	40.7	20.2	4.15	1.11	0.366	0.273	0.401	27.1	13.3	15.9	14.3	1954
1955	15.6	7.36	37.5	10.2	2.12	0.843	0.186	0.183	0.206	0.733	3.89	8.24	7.10	1955
1956	4.22	8.44	48.0	18.8	32.5	2.36	1.58	8.75	5.20	1.38	1.56	15.6	12.1	1956
1957	10.3	15.4	15.7	12.1	8.80	1.99	2.03	0.498	1.48	1.53	10.8	38.0	9.71	1957
1958	5.72	4.51	23.0	4.63	0.882	0.525	0.916	0.303	0.881	0.425	2.50	1.48	3.81	1958
1959	1.73	10.8	41.8	25.2	7.89	2.12	0.616	0.688	1.07	8.43	21.3	28.8	12.4	1959
1960	13.4	11.7	17.9	49.1	15.5	13.4	1.11	0.330	0.233	0.322	0.538	0.887	10.3	1960
1961	0.245	18.1	12.6	12.7	8.48	1.13	4.43	4.20	0.846	0.415	3.26	4.36	5.88	1961
1962	1.42	3.77	28.4	7.78	2.82	1.03	0.355	0.803	0.303	2.84	15.8	7.50	5.91	1962
1963	2.05	1.07	42.3	8.88	9.17	1.12	0.415	0.256	0.207	0.185	0.403	0.420	5.61	1963
1964	12.0	8.41	19.3	11.0	2.62	0.683	0.389	8.41	1.46	1.33	0.917	9.54	5.36	1964
1965	8.96	25.2	20.5	26.2	2.97	0.685	0.434	0.308	0.289	1.81	8.67	28.9	10.3	1965
1966	5.97	17.1	20.8	13.1	5.04	8.71	0.570	1.08	0.581	0.686	14.5	33.8	10.0	1966
1967	17.4	6.89	34.2	29.0	8.90	10.9	3.08	4.91	1.31	15.8	24.9	23.5	15.2	1967
1968	11.0	36.5	28.1	8.95	3.73	4.02	1.35	0.638	0.852	3.14	10.4	15.2	10.4	1968
1969	23.0	17.3	23.9	22.2	13.0	2.82	1.75	0.586	0.307	0.449	4.90	5.84	9.81	1969
1970	2.42	5.90	27.1	24.7	8.98	1.59	1.30	1.01	0.658	1.07	5.23	18.1	8.01	1970
1971	4.08	15.0	38.6	16.8	2.56	0.990	0.393	0.891	1.08	0.474	0.573	7.95	7.61	1971
1972	6.84	1.94	28.2	22.2	4.88	0.941	1.18	0.338	0.272	3.08	9.51	24.7	8.71	1972
1973	34.3	7.89	45.0	10.3	8.53	2.79	0.838	0.867	0.274	0.407	10.6	12.7	11.3	1973
1974	23.2	13.0	28.9	17.5	23.9	2.96	1.02	0.313	0.239	0.329	3.80	3.31	9.96	1974
1975	18.5	18.2	29.1	31.8	4.08	4.56	0.586	0.972	1.75	0.606	1.76	8.89	9.84	1975
1976	5.69	50.2	49.7	15.7	12.2	1.59	10.6	5.85	4.00	2.86	12.7	4.48	14.6	1976
1977	1.81	2.31	64.6	13.2	2.35	1.71	1.28	0.527	5.53	7.47	12.1	33.2	12.3	1977
1978	4.86	2.99	24.5	52.7	8.48	1.98	0.456	0.325	1.51	4.02	2.10	5.73	8.86	1978
1979	8.35	2.11	44.6	37.1	4.50	1.09	1.47	0.700	0.363	1.28	17.1	19.7	11.6	1979
1980	5.86	2.22	31.4	20.8	8.07	3.77	1.81	0.894	0.840	8.18	2.43	9.09	7.82	1980
1981	1.34	48.2	13.6	11.8	9.11	2.88	0.788	1.11	15.6	21.7	11.8	8.48	11.8	1981
1982	7.73	2.10	50.6	27.4	4.01	5.00	1.05	1.35	2.23	3.36	20.0	37.8	13.7	1982
1983	11.5	16.9	7.70	14.4	17.8	7.03	1.15	3.01	1.85	1.23	5.98	17.8	8.81	1983
1984	1.92	43.2	21.2	12.1	8.51	10.9	2.01	0.809	8.85	1.11	14.8	19.4	11.5	1984
MEAN	10.3	15.5	31.3	19.3	7.78	3.86	1.44	1.42	1.84	3.74	7.91	14.4	9.83	MEAN

LOCATION - LAT 43 04 20 N DRAINAGE AREA, 885 km²
LONG 81 39 35 W NATURAL FLOW

AUSABLE RIVER NEAR SPRINGBANK - STATION NO. 02FF002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	121 ON MAR 8	0.085 ON AUG 17	---	1946
1947	---	351 ON APR 5 *	0.566 ON OCT 26	---	1947
1948	242 R AT 12:00 EST ON MAR 16	218 ON MAR 20	0.028 ON OCT 11 *	269 000	1948
1949	---	140 ON DEC 22	0.085 ON AUG 23	307 000	1949
1950	---	227 ON APR 4	0.170 ON AUG 22	475 000	1950
1951	---	84.6 ON MAR 24	0.255 ON SEP 8	381 000	1951
1952	---	117 ON MAR 11	0.113 ON OCT 12	287 000	1952
1953	---	89.5 ON MAR 4	0.142 ON AUG 30	185 000	1953
1954	416 R AT 24:00 EST ON FEB 17 *	317 E ON FEB 17	0.255 ON AUG 18	450 000	1954
1955	---	114 ON MAR 11	0.085 ON AUG 1	224 000	1955
1956	---	289 ON MAR 7	0.283 ON AUG 1	384 000	1956
1957	---	250 ON DEC 21	0.255 ON OCT 15	306 000	1957
1958	---	53.5 ON MAR 1	0.170 ON AUG 4	120 000	1958
1959	---	123 ON DEC 13	0.311 ON AUG 23	391 000	1959
1960	348 R AT 09:00 EST ON MAR 31	317 ON MAR 31	0.193 ON AUG 30	325 000	1960
1961	---	108 ON FEB 24	0.2278 ON JAN 11	185 000	1961
1962	---	86.1 ON NOV 11	0.235 ON SEP 12	186 000	1962
1963	---	223 ON MAR 27	0.181 ON SEP 11	177 000	1963
1964	---	73.6 ON JAN 26	0.246 ON JUL 25	201 000	1964
1965	230 AT 01:00 EST ON FEB 11	200 ON FEB 11	0.201 ON AUG 25	325 000	1965
1966	282 AT 23:00 EST ON DEC 7	234 ON DEC 8	0.227 ON JUL 24	317 000	1966
1967	207 AT 18:00 EST ON APR 3	143 ON APR 3	0.538 ON SEP 15	480 000	1967
1968	385 AT 20:30 EST ON FEB 2	306 ON FEB 2	0.493 ON AUG 15	329 000	1968
1969	155 B AT 09:00 EST ON JAN 31	137 B ON JAN 31	0.286 ON SEP 21	303 000	1969
1970	147 AT 03:01 EST ON APR 3	120 ON APR 3	0.286 ON SEP 3	253 000	1970
1971	---	119 B ON MAR 16	0.278 ON AUG 9	237 000	1971
1972	187 AT 23:59 EST ON DEC 31	118 ON DEC 31	0.224 ON SEP 21	278 000	1972
1973	223 AT 10:40 EST ON JAN 1	207 ON JAN 1	0.210 ON SEP 13	355 000	1973
1974	233 AT 20:20 EST ON MAR 5	178 ON MAR 5	0.215 ON SEP 18	314 000	1974
1975	218 AT 23:54 EST ON APR 19	193 ON APR 20	0.246 ON AUG 17	310 000	1975
1976	249 B AT 07:03 EST ON MAR 6	223 B ON MAR 6	0.566 ON SEP 8	482 000	1976
1977	328 AT 20:26 EST ON MAR 13	278 ON MAR 14	0.269A ON SEP 12	387 000	1977
1978	186 AT 07:53 EST ON APR 2	155 ON APR 2	0.261A ON AUG 11	283 000	1978
1979	305 AT 15:08 EST ON APR 14	248 ON APR 14	0.274 ON SEP 12	388 000	1979
1980	176 AT 08:50 EST ON MAR 22	159 ON MAR 22	0.372 ON SEP 12	241 000	1980
1981	244 AT 05:13 EST ON FEB 24	223 ON FEB 24	0.339 ON AUG 26	378 000	1981
1982	178 AT 22:37 EST ON MAR 31	159 ON APR 1	0.580 ON JUL 26	432 000	1982
1983	88.1 AT 04:32 EST ON MAY 3	76.5 ON MAY 3	0.416 ON SEP 14	278 000	1983
1984	278 AT 18:09 EST ON FEB 14	226 ON FEB 14	0.437 ON AUG 18	384 000	1984
				310 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

AUX SABLES RIVER AT MASSEY - STATION NO. 02CE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	15.3	6.21	8.13	16.1	19.9	17.2	---	1915
1916	10.3	11.2	10.2	89.6	51.8	61.4	27.7	4.71	5.74	20.8	36.1	40.8	29.1	1916
1917	12.0	4.72	8.35	38.7	57.4	68.8	61.6	10.8	6.21	6.98	7.52	---	---	1917
1918	---	---	---	41.5	48.1	44.1	36.0	8.03	6.95	16.6	32.4	23.6	---	1918
1919	13.8	9.09	17.8	---	41.6	35.1	10.3	6.47	15.5	31.8	34.7	26.3	---	1919
1920	12.3	9.00	---	---	30.5	24.9	31.5	6.86	5.85	4.86	6.58	14.3	---	1920
1921	10.8	6.38	22.8	52.0	25.5	28.2	9.41	6.26	5.57	16.6	12.8	25.9	18.6	1921
1922	12.6	9.37	13.2	71.7	43.8	23.8	26.3	8.60	8.01	8.73	11.0	8.64	20.3	1922
1923	8.08	5.38	4.78	33.8	61.4	24.4	23.0	5.70	6.18	4.51	4.65	5.94	15.5	1923
1924	5.07	3.37	4.22	40.6	24.5	12.6	30.0	11.5	6.20	4.89	12.6	9.93	13.8	1924
1925	5.29	5.62	11.7	48.1	21.7	15.5	8.88	6.37	5.33	7.28	19.0	19.1	14.4	1925
1926	10.0	6.81	6.88	20.4	37.1	28.8	15.4	9.45	6.92	6.92	38.2	23.5	17.8	1926
1927	13.5	11.2	35.7	60.2	36.5	23.3	12.8	7.03	4.78	12.0	14.1	17.1	19.9	1927
1928	12.8	8.44	9.21	78.9	76.8	25.3	16.5	13.0	16.6	56.4	36.4	17.4	31.0	1928
1929	13.8	9.23	18.5	68.4	49.4	24.3	22.0	10.3	8.59	10.1	17.4	9.20	21.6	1929
1930	7.83	7.80	10.4	41.4	38.3	53.1	49.4	12.3	8.31	6.90	7.45	6.48	20.8	1930
1931	4.02	3.68	3.82	34.2	31.6	17.9	8.67	5.14	7.21	14.7	33.7	28.9	16.1	1931
1932	22.5	18.3	11.8	44.4	31.4	13.3	6.16	4.06	3.75	11.4	24.7	20.4	17.5	1932
1933	14.4	10.2	7.82	87.5	47.1	21.2	8.86	4.31	3.48	5.85	8.77	7.48	17.2	1933
1934	8.89	8.08	8.84	61.7	55.2	18.9	7.06	3.94	4.84	8.78	41.6	42.5	21.5	1934
1935	12.9	8.38	9.85	38.4	22.5	14.6	7.22	3.48	2.81	3.39	9.23	8.98	11.8	1935
1936	4.70	3.98	7.83	44.2	61.2	17.2	6.62	3.50	3.88	5.59	9.11	6.94	14.6	1936
1937	18.6	12.3	14.0	87.5	41.5	12.3	7.48	10.5	8.77	28.1	27.5	16.4	21.2	1937
1938	9.57	8.04	30.1	88.5	41.5	17.0	7.75	4.48	4.85	3.47	9.88	17.3	20.2	1938
1939	12.2	7.59	7.22	48.0	58.2	38.0	14.1	6.50	5.13	6.21	12.8	8.03	18.5	1939
1940	5.88	4.87	3.43	18.8	35.8	35.5	14.8	10.8	8.61	5.84	18.8	12.7	14.7	1940
1941	8.80	8.37	5.85	47.7	38.2	12.7	7.54	6.13	6.87	32.4	38.8	26.6	19.6	1941
1942	16.3	8.76	8.48	66.8	32.6	18.4	8.00	4.68	8.37	12.9	31.8	13.0	17.8	1942
1943	8.58	7.05	7.42	80.7	81.0	84.3	18.2	8.34	9.01	8.23	14.8	8.18	22.1	1943
1944	5.80	5.24	5.41	39.7	44.8	14.8	7.20	4.80	6.11	8.85	15.2	8.50	13.9	1944
1945	7.18	5.21	29.3	49.2	41.2	37.7	13.0	8.17	8.01	13.3	37.3	13.6	21.5	1945
1946	13.8	8.88	40.7	30.3	26.0	17.7	8.87	6.34	8.84	8.83	20.8	24.2	17.7	1946
1947	13.8	9.71	7.11	48.8	58.2	48.3	22.7	8.87	7.77	8.98	7.87	7.09	20.4	1947
1948	8.81	4.33	7.18	58.1	32.4	11.2	8.10	4.58	2.83	2.38	8.22	13.0	13.0	1948
1949	11.4	9.17	14.1	48.2	38.0	23.1	13.1	6.34	3.42	3.32	4.35	6.28	14.8	1949
1950	14.8	11.1	11.8	51.7	78.0	26.8	10.2	6.26	3.33	3.58	5.04	9.22	19.0	1950
1951	8.31	5.78	8.81	86.8	40.0	15.6	12.5	7.08	7.88	32.7	37.8	25.7	24.7	1951
1952	14.0	8.87	8.47	52.4	31.3	13.4	9.08	8.28	8.40	8.20	12.3	21.0	16.1	1952
1953	11.8	13.7	28.6	86.9	40.8	17.8	8.90	5.76	4.31	3.45	3.90	7.88	17.7	1953
1954	8.87	8.35	8.38	62.6	51.8	22.9	10.8	6.76	6.80	31.4	21.7	12.4	20.8	1954
1955	8.15	7.86	8.88	52.1	22.1	8.89	4.03	2.58	2.82	8.21	14.3	10.8	12.4	1955
1956	7.14	6.27	4.74	30.8	41.4	16.8	13.7	7.67	7.42	8.44	12.8	11.0	14.1	1956
1957	8.27	8.80	11.4	44.8	38.7	19.8	24.8	8.12	8.26	6.86	26.7	22.9	18.8	1957
1958	13.7	8.03	7.88	24.6	15.8	8.38	12.6	4.88	3.77	6.81	15.6	11.3	11.2	1958
1959	7.33	6.38	6.76	61.1	44.2	14.1	8.74	4.22	4.08	18.7	23.2	14.3	16.8	1959
1960	10.4	8.58	4.84	83.6	86.6	24.4	19.4	9.72	8.46	8.87	21.2	11.9	23.2	1960
1961	8.80	3.85	3.81	18.8	24.4	17.2	18.9	12.5	16.3	15.7	21.4	18.8	14.9	1961
1962	10.8	7.40	7.59	32.8	51.4	15.1	8.47	4.10	4.82	5.73	7.17	7.82	13.4	1962
1963	5.23	4.80	5.26	46.6	20.3	11.4	5.86	4.42	3.84	3.25	6.12	5.38	10.1	1963
1964	4.78	4.33	4.24	50.1	50.2	14.8	8.95	5.10	12.5	17.1	16.8	17.5	17.0	1964
1965	11.5	7.80	7.63	42.5	86.8	17.4	7.78	16.8	27.8	38.1	33.2	22.5	25.2	1965
1966	16.5	11.3	23.2	58.3	29.2	19.7	8.59	7.07	4.74	24.8	38.1	40.3	23.5	1966
1967	13.0	7.81	7.31	76.1	73.8	21.8	9.41	10.0	5.48	8.80	29.1	20.3	23.8	1967
1968	7.47	4.42	9.18	84.5	28.2	15.7	10.6	8.26	24.5	20.5	14.6	16.5	17.8	1968
1969	12.8	11.1	9.85	58.4	35.0	28.8	28.0	10.1	4.94	14.6	31.8	14.5	21.5	1969
1970	8.91	4.18	4.15	35.0	40.0	71.7	18.1	10.7	18.0	27.1	32.8	23.8	24.4	1970
1971	8.22	4.72	10.2	51.0	52.8	21.1	7.58	5.88	4.76	8.58	8.54	22.8	18.9	1971
1972	10.2	8.77	8.88	40.7	76.8	14.2	8.29	10.7	17.1	15.8	17.3	11.5	19.6	1972
1973	8.38	8.26	28.2	37.0	44.6	30.3	13.1	18.3	8.28	7.80	8.88	10.4	17.9	1973
1974	7.46	7.04	8.88	37.5	37.7	22.6	8.56	5.22	3.95	5.29	18.2	10.8	14.3	1974
1975	10.5	7.26	8.12	38.7	86.6	27.7	9.43	4.11	3.81	4.19	8.45	18.3	18.0	1975
1976	8.84	8.70	9.85	70.8	37.6	12.8	8.37	5.48	5.71	3.86	3.58	4.85	14.4	1976
1977	3.08R	3.22R	16.8 R	88.8R	18.5R	8.03R	5.77R	4.12R	7.58R	22.8 R	42.0 R	23.3 R	17.9R	1977
1978	11.1 R	7.78R	8.48R	26.0R	84.2R	16.1 R	7.72R	6.30R	12.1 R	36.8 R	18.1 R	12.8 R	17.9R	1978
1979	8.47	7.24	26.0	86.5	84.4	26.7	22.2	11.8	8.98	20.2	42.3	27.4	28.6	1979
1980	18.7	8.58	8.78	47.7	34.3	14.4	8.84	8.38	8.68	10.4	10.8	8.27	15.2	1980
1981	4.82	7.70	14.7	87.8	21.2	20.2	12.8	8.78	4.89	10.1	10.8	10.1	15.8	1981
1982	8.27	4.88	8.44	47.4	48.8	13.4	8.14	4.87	17.8	34.7	30.7	31.7	21.6	1982
1983	21.3	11.0	21.0	83.1	82.2	48.8	7.34	4.81	4.82	16.1	16.1	12.8	22.2	1983
1984	8.28	10.2	11.8	46.8	24.8	15.7	11.8	8.12	17.8	20.8	42.8	28.8	20.4	1984
MEAN	10.1 R	7.80R	11.4 R	50.0R	42.8R	23.8 R	14.1 R	7.21R	7.76R	13.4 R	19.8 R	16.4 R	18.8	MEAN

LOCATION - LAT 48 12 54 N DRAINAGE AREA, 1 350 km²
LONG 82 04 14 W REGULATED

R - REVISED SINCE JAN 1980

REMARKS - MINOR REGULATION AT LOW FLOW BY LOGGING OPERATION

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	90.3 ON APR 23	3.17 ON SEP 1	921 000	1916
1917	---	85.8 ON APR 25	3.96 ON DEC 30	---	1917
1918	---	71.4 ON MAY 10	---	---	1918
1919	---	---	5.30 ON JUL 26	---	1919
1920	---	---	4.36 ON DEC 12	---	1920
1921	---	88.6 ON MAR 29	4.73 ON SEP 15	585 000	1921
1922	---	112 ON APR 18	4.64 ON OCT 6	841 000	1922
1923	---	183 ON APR 28	4.25 ON OCT 19	491 000	1923
1924	---	76.5 ON APR 8	3.288 ON FEB 13	438 000	1924
1925	---	82.7 ON APR 4	4.288 ON JAN 29	484 000	1925
1926	---	184 ON NOV 16	5.688 ON MAR 1	858 000	1926
1927	---	88.7 ON MAR 20	4.28 ON SEP 25	827 000	1927
1928	---	143 ON APR 8	5.888 ON MAR 1	980 000	1928
1929	---	134 ON APR 8	4.47 ON OCT 11	881 000	1929
1930	---	132 ON JUN 28	4.81 ON NOV 16	855 000	1930
1931	---	79.3 ON NOV 28	3.828 ON MAR 1	508 000	1931
1932	---	86.5 ON APR 12	3.40 ON SEP 16	853 000	1932
1933	---	117 ON APR 19	3.28 ON SEP 5	542 000	1933
1934	---	135 ON NOV 24	3.40 ON SEP 1	879 000	1934
1935	---	57.5 ON APR 12	2.83 ON SEP 28	372 000	1935
1936	---	126 ON MAY 3	2.94 ON SEP 7	481 000	1936
1937	---	89.8 ON OCT 21	5.78 ON JUL 15	688 000	1937
1938	---	210 ON APR 1	2.89 ON OCT 31	835 000	1938
1939	---	113 ON APR 27	3.74 ON SEP 27	584 000	1939
1940	---	62.3 ON JUN 11	3.438 ON MAR 1	485 000	1940
1941	---	83.5 ON APR 21	3.88 ON SEP 9	818 000	1941
1942	---	95.7 ON APR 15	3.11 ON SEP 11	582 000	1942
1943	---	130 ON APR 28	5.15 ON OCT 13	898 000	1943
1944	---	108 ON APR 28	3.43 ON AUG 27	441 000	1944
1945	---	118 ON MAY 28	3.62 ON SEP 9	878 000	1945
1946	---	78.7 ON MAR 20	4.28 ON AUG 9	857 000	1946
1947	---	82.4 ON APR 13	4.88 ON SEP 10	845 000	1947
1948	---	125 ON APR 9	2.12 ON OCT 3 *	412 000	1948
1949	---	84.0 ON JUN 28	2.78 ON OCT 6	487 000	1949
1950	---	108 ON APR 21	2.80 ON SEP 28	800 000	1950
1951	---	191 ON APR 14	4.87 ON SEP 6	780 000	1951
1952	---	102 ON APR 20	3.45 ON NOV 12	510 000	1952
1953	---	86.1 ON APR 11	2.94 ON NOV 7	557 000	1953
1954	---	137 ON APR 29	3.14 ON SEP 18	847 000	1954
1955	---	90.0 ON APR 13	2.15 ON AUG 28	382 000	1955
1956	---	56.1 ON MAY 16	4.288 ON FEB 27	448 000	1956
1957	---	118 ON APR 27	3.85 ON OCT 16	595 000	1957
1958	---	34.8 ON APR 8	3.14 ON SEP 21	352 000	1958
1959	129 AT 10:00 EST ON APR 19	128 ON APR 19	2.97 ON SEP 20	523 000	1959
1960	176 AT 10:00 EST ON MAY 11	174 ON MAY 11	3.748 ON MAR 18	732 000	1960
1961	36.5 AT 18:00 EST ON MAY 19	36.28 ON DEC 8	3.408 ON MAR 20	471 000	1961
1962	98.0 AT 02:00 EST ON MAY 6	94.6 ON MAY 6	3.31 ON AUG 12	424 000	1962
1963	74.6 AT 22:00 EST ON APR 4	72.2 ON APR 5	2.48 ON OCT 27	320 000	1963
1964	97.7 AT 02:00 EST ON APR 19	95.1 ON APR 19	3.948 ON MAR 11	539 000	1964
1965	105 AT 11:30 EST ON MAY 5	105 ON MAY 5	5.83 ON AUG 7	794 000	1965
1966	136 AT 02:00 EST ON APR 23	132 ON APR 23	3.91 ON SEP 28	742 000	1966
1967	258 AT 07:00 EST ON MAY 4	246 ON MAY 4	4.11 ON SEP 20	744 000	1967
1968	75.8 AT 10:00 EST ON APR 8	73.6 ON APR 8	3.778 ON FEB 29	584 000	1968
1969	106 AT 23:00 EST ON APR 17	104 ON APR 17	4.22 ON SEP 23	677 000	1969
1970	278 AT 09:30 EST ON JUN 3 *	268 ON JUN 3 *	3.828 ON MAR 4	769 000	1970
1971	106 AT 17:01 EST ON APR 22	106 ON APR 22	3.85 ON SEP 19	633 000	1971
1972	182 AT 08:52 EST ON MAY 4	180 ON MAY 4	5.308 ON FEB 28	821 000	1972
1973	76.5 AT 10:34 EST ON MAY 4	75.8 ON MAY 4	5.648 ON JAN 19	668 000	1973
1974	93.4 AT 10:30 EST ON APR 23	92.9 ON APR 23	2.87 ON SEP 10	450 000	1974
1975	104 AT 05:08 EST ON APR 25	101 ON APR 25	2.54 ON SEP 5	508 000	1975
1976	116 AT 08:08 EST ON APR 20	115 ON APR 20	3.14E ON DEC 31	488 000	1976
1977	84.7 AT 22:58 EST ON APR 22	83.0R ON APR 23	2.88RA ON JAN 17	583 000R	1977
1978	123 AT 17:33 EST ON MAY 15	121 R ON MAY 15	4.60R ON AUG 22	588 000R	1978
1979	194 AT 13:36 EST ON APR 28	191 ON APR 28	6.28 ON FEB 21	904 000	1979
1980	103 AT 07:47 EST ON APR 10	99.0 ON APR 10	3.98 ON SEP 12	481 000	1980
1981	185 AT 01:40 EST ON APR 8	188 ON APR 8	3.908 ON FEB 1	800 000	1981
1982	110 AT 03:43 EST ON APR 27	108 ON APR 27	3.71 ON AUG 18	877 000	1982
1983	178 AT 23:57 EST ON APR 15	169 ON APR 16	3.78 ON SEP 16	700 000	1983
1984	107 AT 22:16 EST ON NOV 2	99.3 ON NOV 3	5.78 ON AUG 6	844 000	1984
				583 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

AVON RIVER BELOW STRATFORD - STATION NO. 02GD018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	---	0.285	0.382	2.11	---	1984
1985	0.887	4.80	3.34	5.56	0.851	0.438	0.433	0.418	0.415	0.713	1.81	4.40	2.05	1985
1986	0.944	1.58	3.64	1.47	0.828	1.11	0.259	0.477	0.359	0.245	2.01	4.81	1.45	1986
1987	3.15	1.45	5.28	4.74	0.858	2.08	0.855	0.861	0.503	2.45	3.87	4.03	2.52	1987
1988	2.07	5.39	5.82	1.24	0.757	0.823	0.444	0.492	1.51	1.70	2.58	2.18	2.05	1988
1989	3.38	2.44	5.60	5.00	1.84	0.652	0.396	0.286	0.192	0.247	1.26 -	0.782	1.83	1989
1970	0.548	1.01	2.29	5.88	2.28	0.869	0.889	0.400	0.945	1.88	2.70	2.79	1.85	1970
1971	0.991	1.91	4.08	8.77	0.678	0.554	0.333	0.323	0.253	0.278	0.443	1.19	1.49	1971
1972	1.41	0.493	4.53	7.17	0.873	0.490	0.572	0.341	0.351	0.850	1.48	2.97	1.80	1972
1973	3.08	1.31	8.09	1.88	1.83	0.840	0.400	0.358	0.288	0.421	2.47	2.32	1.84	1973
1974	4.46	1.97	5.97	3.88	4.00	0.721	0.378	0.327	0.278	0.319	1.05	0.447	1.89	1974
1975	2.57	2.49	4.62	8.97	0.882	0.889	0.578	0.607	0.877	0.391	0.800	2.57	2.03	1975
1976	1.20	5.80	8.81	3.27	1.90	0.724	0.648	0.587	0.671	0.841	2.77	0.781	2.38	1976
1977	0.888	0.726	9.21	2.48	0.840	0.555	0.448	0.781	1.84	2.02	1.72	2.34	1.87	1977
1978	1.02	0.532	2.54	12.0	1.60	0.575	0.305	0.298	1.58	1.19	1.12	1.62	2.02	1978
1979	1.84	0.845	9.81	5.10	1.27	0.668	0.390	0.358	0.415	0.740	3.28	4.42	2.51	1979
1980	1.58	0.423	5.45	3.17	1.08	1.02	0.894	0.430	0.573	1.11	0.921	1.94	1.54	1980
1981	0.355	7.10	1.80	1.80	0.770	0.954	0.395	0.842	1.97	3.26	1.81	0.601	1.74	1981
1982	0.738	0.413	6.21	8.41	0.881	1.03	0.583	0.877	1.61	0.743	4.74	6.42	2.71	1982
1983	1.41	2.08	1.50	2.63	3.62	1.38	1.56	1.82	1.17	1.23	2.74	3.55	2.08	1983
1984	0.588	8.58	3.70	1.24	1.43	1.22	0.608	0.478	1.35	0.705	2.11	3.41	2.09	1984
MEAN	1.85	2.82	5.09	4.83	1.45	0.848	0.588	0.554	0.856	1.02	1.99	2.84	2.00	MEAN

LOCATION - LAT 43 20 42 N DRAINAGE AREA, 144 km²
LONG 81 08 58 W REGULATED

AVON RIVER BELOW STRATFORD - STATION NO. 02GD018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	75.6 AT 22:00 EST ON FEB 10	45.3 ON FEB 10	0.0858 ON JAN 6	64 500	1985
1986	58.3 AT 08:30 EST ON DEC 7	44.7 ON DEC 7	0.085 ON OCT 6	45 800	1986
1987	54.1 AT 06:10 EST ON APR 3	35.1 ON APR 3	0.193 ON SEP 17	79 500	1987
1988	64.8 AT 13:45 EST ON FEB 2	52.1 ON FEB 2	0.184 ON JUN 7	65 000	1988
1989	40.2B AT 01:30 EST ON JAN 31	30.3 ON APR 5	0.040 ON SEP 1 *	57 900	1989
1970	41.6 AT 03:12 EST ON MAY 15	25.7 ON APR 8	0.215 ON AUG 23	58 300	1970
1971	34.3 AT 06:20 EST ON APR 2	32.3 ON APR 2	0.113 ON AUG 9	47 000	1971
1972	36.8 AT 17:10 EST ON APR 13	30.0 ON APR 13	0.187 ON JUN 16	57 000	1972
1973	40.8 AT 21:28 EST ON MAR 11	25.4 ON MAR 12	0.099 ON SEP 3	61 200	1973
1974	64.6 AT 05:38 EST ON MAR 5	48.2 ON MAR 5	0.150 ON NOV 11	62 600	1974
1975	88.6 AT 05:56 EST ON APR 19	63.7 ON APR 19	0.252 ON AUG 10	64 000	1975
1976	45.0 AT 18:43 EST ON MAR 5	27.3 ON MAR 20	0.082 ON SEP 6	75 400	1976
1977	88.5 AT 08:14 EST ON MAR 13	60.0 ON MAR 13	0.095 ON AUG 21	62 000	1977
1978	54.7 AT 12:21 EST ON APR 11	45.6 ON APR 11	0.170 ON AUG 13	63 800	1978
1979	67.3 AT 05:42 EST ON APR 14	62.0 ON APR 14	0.190 ON AUG 8	78 900	1979
1980	81.6 AT 14:15 EST ON MAR 21	45.2 ON MAR 21	0.137 ON MAY 30	48 800	1980
1981	---	40.0B ON FEB 19	0.063 ON APR 13	54 800	1981
1982	86.5 AT 00:00 EST ON APR 1 *	56.0B ON MAR 31 *	0.215B ON JAN 1	85 400	1982
1983	35.0 AT 05:24 EST ON JUL 31	18.6 ON JUL 31	0.295 ON JUL 25	34 900	1983
1984	42.9 AT 21:05 EST ON FEB 14	38.6 ON FEB 14	0.173 ON APR 14	88 000	1984
				63 100	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BAILEY CREEK NEAR BEETON - STATION NO. 02ED004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	0.318	0.532	0.512	---	1983
1984	0.558R	0.512R	3.47 R	1.88	0.712	0.304	0.288	0.318	0.211	0.304	0.318R	0.898R	0.802R	1984
1985	0.502R	3.82 R	1.58 R	4.75R	0.880	0.231	0.180	0.181	0.238	0.540	0.836	0.762	1.18 R	1985
1986	0.821	0.801	1.48	1.02	1.03	0.883	0.131	0.200	0.235	0.302	0.524	0.709	0.845	1986
1987	0.573	0.382	1.54	2.81	0.844	3.29	3.10	0.658	0.614	1.31	1.81	2.80 R	1.84 R	1987
1988	0.686	2.80	7.58	2.13	1.18	0.883	0.388	0.422	0.480	0.518	1.03	1.19	1.88	1988
1989	1.32	1.38	4.29	4.42	2.13	0.806	0.588	0.378	0.263	0.438	0.748	0.481	1.43	1989
1970	0.406	0.597	2.71	5.02	1.14	0.351	0.518	0.387	0.486	0.805	0.841	1.29	1.20	1970
1971	0.588	0.801	1.83	5.52	0.748	0.368	0.385	0.481	0.334	0.418	0.581	0.808	1.03	1971
1972	0.623	0.380	0.944	7.82	1.28	0.881	0.524	0.407	0.278	0.715	1.08	1.07	1.32	1972
1973	2.26	1.26	5.58	3.69	1.82	0.815	0.352	0.610	0.370	0.568	1.18	0.926	1.83	1973
1974	2.11	1.18	7.25	3.98	3.31	0.781	0.648	0.352	0.328	0.371	0.735	0.802	1.85	1974
1975	0.828	3.81	2.57	5.10	1.58	0.415	0.309	0.299	0.398	0.450	0.526	0.852	1.35	1975
1976	0.347	1.83	4.22	2.00	1.84	0.852	0.787	0.878	0.810	1.08	0.857	0.587	1.28	1976
1977	0.370	0.372	2.88	1.77	0.809	0.505	0.448	1.28	1.24	2.81	1.84	1.87	1.38	1977
1978	1.11	0.720	2.88	10.8	---	---	---	---	---	---	---	---	---	1978
MEAN	0.853R	1.31 R	3.38 R	4.18R	1.36	0.770	0.630	0.471	0.447	0.717	0.888R	1.01 R	1.31	MEAN

LOCATION - LAT 44 07 08 N DRAINAGE AREA, 207 km² DATA CONTRIBUTED BY - R - REVISED SINCE JAN 1980
LONG 78 45 43 W REGULATED ONTARIO MINISTRY OF THE ENVIRONMENT

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

BAILEY CREEK NEAR BEETON - STATION NO. 02ED004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	6.34 AT 09:00 EST ON APR 8	6.23RB ON MAR 15	0.142 ON SEP 14	25 400R	1984
1985	36.8 AT 08:00 EST ON APR 8	32.0 ON APR 8	0.085 ON AUG 16	37 100R	1985
1986	9.17 AT 03:00 EST ON JAN 1	6.60 ON JAN 1	0.0038 ON JAN 30 *	20 400	1986
1987	16.8 AT 20:00 EST ON JUN 25	13.1 ON JUN 25	0.278 ON SEP 11	51 800R	1987
1988	23.7 B AT 15:30 EST ON MAR 18	21.0 B ON MAR 18	0.212 ON AUG 16	50 100	1988
1989	24.4 AT 02:28 EST ON APR 19	19.4 B ON MAR 21	0.170 ON SEP 15	45 000	1989
1990	18.4 AT 20:07 EST ON APR 9	15.0 ON APR 9	0.144 ON JUN 24	37 800	1990
1991	14.7 B AT 21:56 EST ON APR 2	14.2 B ON APR 3	0.147 ON AUG 9	32 600	1991
1992	43.0 AT 01:31 EST ON APR 14 *	34.5 ON APR 13	0.138 ON AUG 2	41 700	1992
1993	21.0 AT 02:27 EST ON APR 3	19.1 ON APR 3	0.198 ON JUL 25	51 800	1993
1994	---	49.6 B ON MAR 5 *	0.234 ON AUG 20	58 300	1994
1995	38.2 AT 15:06 EST ON APR 19	36.6 B ON FEB 25	0.212 ON AUG 17	42 500	1995
1996	32.6 AT 08:30 EST ON MAR 21	19.7 ON MAR 21	0.2728 ON JAN 18	40 000	1996
1997	---	13.6 ON OCT 2	0.204A ON JUL 28	42 800	1997
1998	37.9 AT 16:59 EST ON APR 2	33.7 ON APR 2	---	---	1998
				41 200R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

BASSWOOD RIVER NEAR WINTON - STATION NO. 05PA012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1924	---	---	7.39	8.16	8.70	14.5	---	---	---	---	---	---	---	1924
1925	---	---	---	---	---	---	---	---	12.2	30.8	19.0	21.6	---	1925
1926	18.1	12.8	12.7	8.82	31.9	33.4	50.5	27.1	22.8	56.7	41.8	37.8	28.9	1926
1927	32.8	31.5	24.5	60.7	177	85.3	65.8	41.4	28.1	19.2	13.0	12.6	48.5	1927
1928	13.3	13.4	14.8	---	---	---	---	---	---	---	---	---	---	1928
1930	14.6	13.2	12.8	16.7	61.2	73.8	89.2	41.8	19.0	12.3	17.2	30.3	33.7	1930
1931	27.2	21.2	14.8	14.2	18.0	69.8	45.1	19.7	13.7	11.3	10.8	15.3	23.4	1931
1932	20.8	22.8	22.1	28.8	83.7	63.5	31.5	23.2	20.8	15.2	14.0	16.1	28.2	1932
1933	17.6	18.7	13.5	16.8	63.1	54.1	26.2	17.0	14.8	14.6	21.3	24.1	23.3	1933
1934	21.8	20.5	22.3	30.5	140	63.0	26.8	13.5	9.41	8.94	9.56	8.67	30.8	1934
1935	8.61	8.92	11.8	24.5	91.1	58.8	52.5	47.3	26.8	21.0	20.1	20.0	33.1	1935
1936	19.7	15.3	14.9	22.4	147	79.8	30.3	12.8	9.33	8.22	8.28	8.40	30.8	1936
1937	8.73	7.48	8.07	18.4	110	87.7	34.4	21.5	16.8	13.0	14.7	17.2	29.7	1937
1938	12.7	11.3	17.0	78.3	170	106	46.7	22.9	13.3	8.63	8.89	8.00	42.3	1938
1939	9.84	10.8	10.9	22.9	106	88.2	52.2	31.2	26.9	24.2	17.8	13.4	34.7	1939
1940	9.96	8.00	7.58	12.0	57.4	105	52.7	20.9	15.8	11.5	11.5	13.6	27.2	1940
1941	12.6	13.2	10.8	44.8	88.8	48.5	25.5	17.3	32.9	86.0	40.3	26.7	37.5	1941
1942	22.0	17.3	14.5	16.9	103	66.4	30.1	19.1	13.3	9.04	9.00	11.6	28.0	1942
1943	13.3	13.0	14.0	24.9	106	151	89.0	28.8	22.7	19.7	19.6	22.8	43.9	1943
1944	22.4	17.2	12.2	13.8	103	171	126	98.8	71.3	35.0	24.3	24.1	80.0	1944
1945	24.8	25.3	31.9	144	83.9	47.8	41.6	28.0	23.0	21.1	20.2	20.2	42.7	1945
1946	18.3	17.9	15.8	75.3	77.6	46.7	40.1	23.6	22.1	125	91.5	53.8	50.9	1946
1947	35.0	26.5	21.9	21.9	138	148	82.7	34.3	44.3	36.5	28.2	25.5	53.9	1947
1948	23.5	18.8	12.9	53.6	188	50.8	27.8	23.3	17.8	8.82	4.24	2.77	36.2	1948
1949	4.02	5.22	6.83	21.6	82.5	55.9	85.3	51.9	24.7	39.3	49.2	39.5	37.4	1949
1950	32.9	25.6	19.8	25.5	258	208	97.7	62.9	35.7	38.5	31.9	30.8	72.6	1950
1951	23.2	18.1	17.3	39.5	152	98.7	60.6	24.8	20.7	48.0	53.7	43.1	49.7	1951
1952	30.9	23.3	15.9	33.6	85.4	38.2	56.3	94.3	83.5	27.5	18.6	17.6	42.1	1952
1953	16.5	15.4	13.2	38.7	74.6	118	58.7	40.3	58.2	31.4	20.8	18.7	41.8	1953
1954	18.0	14.9	15.8	43.0	234	119	66.9	25.9	15.3	9.92	8.54	11.5	49.1	1954
1955	11.9	9.89	11.1	32.4	65.0	46.4	26.7	18.6	12.1	13.7	18.5	21.8	23.8	1955
1956	21.0	17.5	12.0	30.1	137	92.3	36.8	28.4	23.0	17.7	15.3	17.4	37.7	1956
1957	17.6	14.6	13.3	37.7	138	67.3	75.8	31.2	17.1	11.9	12.1	18.1	37.8	1957
1958	16.4	13.5	13.6	13.2	14.5	23.8	17.0	12.5	24.8	28.8	21.4	27.2	18.9	1958
1959	23.8	15.8	10.1	12.1	29.0	55.8	33.1	14.4	29.8	28.9	28.4	20.5	25.0	1959
1960	19.0	14.7	15.5	17.4	110	74.1	26.8	15.2	11.1	7.21	8.50	8.06	27.0	1960
1961	8.33	8.44	10.1	25.2	90.9	58.8	17.7	9.18	26.4	33.8	32.2	29.8	28.0	1961
1962	18.4	15.8	15.0	17.3	78.7	90.3	73.1	54.0	26.8	18.8	10.2	8.25	35.7	1962
1963	8.85	9.07	11.8	29.1	31.9	48.0	34.5	21.8	15.2	12.7	10.4	10.2	20.2	1963
1964	9.28	7.69	11.2	15.6	82.2	80.8	84.7	25.2	23.1	28.7	28.5	17.0	38.3	1964
1965	12.9	11.8	14.4	27.8	137	104	54.0	25.5	22.5	69.1	80.7	48.8	48.1	1965
1966	41.8	34.8	32.4	53.8	187	114	46.3	27.2	18.2	12.8	14.0	13.9	50.8	1966
1967	12.5	11.7	14.9	45.6	107	54.3	42.2	33.4	19.7	12.2	10.0	10.5	31.4	1967
1968	8.38	7.82	9.88	36.0	130	152	115	40.9	36.1	55.6	61.8	38.9	61.4	1968
1969	34.1	28.7	27.4	73.1	183	78.1	37.6	33.5	23.9	23.7	28.9	27.5	50.0	1969
1970	19.8	18.2	15.8	27.5	154	171	67.5	18.8	12.0	32.5	110	83.1	59.2	1970
1971	36.8	33.1	33.1	68.1	148	104	71.8	21.4	12.7	33.8	83.0	82.2	57.3	1971
1972	38.2	26.4	22.2	29.3	151	61.4	28.8	38.2	44.1	33.8	25.7	17.9	43.2	1972
1973	14.4	12.8	14.2	33.4	88.4	85.1	33.6	25.8	88.8	89.3	57.3	39.4	47.7	1973
1974	27.2	17.1	16.1	29.9	132	162	81.2	30.8	20.8	20.6	28.5	27.0	48.2	1974
1975	25.8	26.0	21.1	27.8	125	72.8	47.1	18.1	12.3	11.8	13.0	24.2	35.7	1975
1976	24.9	19.8	19.3	101	121	38.2	37.3	13.5	3.41	1.84	1.70	3.18	32.0	1976
1977	2.44	2.89	3.82	7.62	6.38	30.4	46.0	22.7	109	151	67.3	85.2	43.0	1977
1978	38.4	26.8	15.3	24.1	76.5	118	80.8	43.3	41.0	28.8	15.0	13.7	41.8	1978
1979	11.2	10.3	15.4	40.6	188	111	43.1	20.6	15.7	13.8	15.4	17.7	42.1	1979
1980	18.3	14.5	14.8	22.7	27.0	18.7	14.5	9.15	83.9	69.4	37.6	28.5	28.6	1980
1981	19.8	15.1	17.7	71.6	142	88.8	82.2	28.2	12.0	15.9	30.4	21.0	43.7	1981
1982	17.9	15.1	21.3	21.3	133	84.8	54.4	38.0	33.3	77.1	83.4	71.1	53.8	1982
1983	39.3	29.8	27.4	33.1	70.9	84.8	80.3	38.1	30.3	88.4	88.2	50.0	48.7	1983
1984	36.3	27.0	26.0	39.2	117	89.0	82.1	19.8	8.25	8.11	12.0	14.2	37.2	1984
MEAN	20.1	16.7	15.8	34.5	107	82.5	51.8	29.8	26.4	31.2	28.8	24.3	39.8	MEAN

LOCATION - LAT 48 04 55 N LONG 91 39 10 W
DRAINAGE AREA, 4 610 km^2 REGULATED
INTERNATIONAL GAUGING STATION

BASSWOOD RIVER NEAR WINTON - STATION NO. 05PA012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1924	---	---	---	---	1924
1925	---	---	---	---	1925
1926	---	85.1 ON OCT 8	8.81 ON APR 8	942 000	1926
1927	---	202 ON MAY 12	11.9 ON DEC 12	1 580 000	1927
1928	---	15.8 ON MAR 7	12.1 ON FEB 1	---	1928
1930	---	108 ON JUL 23	11.0 ON OCT 28	1 080 000	1930
1931	---	90.6 ON JUN 22	8.68 ON NOV 8	737 000	1931
1932	---	100 ON MAY 21	13.5 ON NOV 17	923 000	1932
1933	---	71.9 ON MAY 31	10.7 ON OCT 11	733 000	1933
1934	---	189 ON MAY 18	5.10 ON NOV 18	970 000	1934
1935	---	115 ON MAY 15	7.33E ON JAN 1	1 040 000	1935
1936	---	188 ON MAY 20	4.59 ON NOV 23	974 000	1936
1937	---	140 ON MAY 18	6.37E ON JAN 1	838 000	1937
1938	225 E ON MAY 15	170 E ON MAY 1	7.36 ON OCT 27	1 330 000	1938
1939	137 ON MAY 21	134 ON MAY 21	9.40 ON JAN 1	1 090 000	1939
1940	---	112 ON JUN 6	7.18 ON MAR 12	880 000	1940
1941	134 ON MAY 6	131 ON MAY 6	9.80 ON APR 2	1 180 000	1941
1942	---	131 ON MAY 25	7.62 ON OCT 28	882 000	1942
1943	---	158 ON JUN 5	12.7 ON JAN 1	1 380 000	1943
1944	---	208 ON JUN 18	10.5 ON APR 8	1 900 000	1944
1945	---	170 ON APR 19	18.8 ON DEC 27	1 350 000	1945
1946	---	170 ON OCT 20	11.8 ON MAR 14	1 800 000	1946
1947	---	178 ON MAY 19	17.4 ON APR 4	1 700 000	1947
1948	---	281 ON MAY 5	2.18 ON DEC 4	1 140 000	1948
1949	---	102 ON JUL 15	2.52 ON JAN 1	1 180 000	1949
1950	442 AT 00:30 CST ON MAY 24 *	430 ON MAY 24 *	17.1 ON APR 8	2 290 000	1950
1951	---	191 ON MAY 13	14.4 ON FEB 22	1 570 000	1951
1952	108 AT 04:00 CST ON MAY 8	108 ON MAY 7	14.2 ON MAR 30	1 330 000	1952
1953	134 AT 03:00 CST ON JUN 13	133 ON JUN 11	12.1 ON MAR 10	1 320 000	1953
1954	289 AT 13:00 CST ON MAY 15	286 ON MAY 14	7.53 ON NOV 18	1 550 000	1954
1955	77.0 AT 07:30 CST ON MAY 9	75.8 ON MAY 9	9.33 ON FEB 28	750 000	1955
1956	185 AT 07:00 CST ON MAY 28	184 ON MAY 28	11.0 ON MAR 22	1 180 000	1956
1957	189 AT 11:00 CST ON MAY 9	187 ON MAY 8	10.2 ON NOV 1	1 180 000	1957
1958	---	35.7 ON OCT 1	10.6 ON AUG 22	598 000	1958
1959	85.7 AT 07:30 CST ON JUN 3	84.3 ON JUN 3	9.17 ON MAR 24	787 000	1959
1960	139 AT 22:00 CST ON MAY 14	136 ON MAY 14	5.97 ON NOV 28	855 000	1960
1961	114 AT 23:30 CST ON MAY 22	114 ON MAY 23	8.12 ON JAN 1	914 000	1961
1962	127 AT 17:00 CST ON JUN 1	127 ON JUN 1	7.48 ON DEC 15	1 130 000	1962
1963	82.1 AT 16:00 CST ON JUN 22	81.5 ON JUN 22	8.35 ON JAN 23	635 000	1963
1964	131 AT 05:00 CST ON JUL 5	130 ON JUL 4	7.39 ON FEB 20	1 120 000	1964
1965	174 AT 15:50 CST ON MAY 25	172 ON MAY 25	11.3 ON FEB 8	1 550 000	1965
1966	220 AT 21:30 CST ON MAY 24	217 ON MAY 20	10.8 ON OCT 24	1 600 000	1966
1967	130 AT 12:30 CST ON MAY 11	128 ON MAY 10	8.98 ON DEC 31	883 000	1967
1968	288 ON JUN 23	254 ON JUN 23	7.33 ON MAR 4	1 840 000	1968
1969	228 AT 18:00 CST ON MAY 5	224 ON MAY 5	21.1 ON SEP 20	1 580 000	1969
1970	202 ON JUN 17	200 ON JUN 17	9.63 ON SEP 1	1 870 000	1970
1971	208 ON MAY 4	205 ON MAY 5	10.8 ON SEP 27	1 810 000	1971
1972	205 AT 21:30 CST ON MAY 17	204 ON MAY 17	13.4 ON DEC 28	1 370 000	1972
1973	---	132 ON OCT 22	11.5 ON MAR 4	1 500 000	1973
1974	175 AT 04:00 CST ON JUN 18	174 ON JUN 17	15.1 ON MAR 9	1 480 000	1974
1975	158 AT 15:30 CST ON MAY 14	158 ON MAY 14	10.8 ON OCT 23	1 120 000	1975
1976	224 AT 19:00 CST ON APR 30	222 ON APR 30	1.64 ON NOV 3 *	1 010 000	1976
1977	158 AT 22:30 CST ON OCT 20	157 ON OCT 20	2.35 ON JAN 1	1 380 000	1977
1978	151 AT 04:00 CST ON JUN 10	151 ON JUN 10	12.5 ON DEC 28	1 320 000	1978
1979	208 AT 05:30 CST ON MAY 20	208 ON MAY 20	9.74 ON FEB 11	1 330 000	1979
1980	110 * AT 18:30 CST ON SEP 30	110 ON SEP 30	8.21 ON AUG 28	899 000	1980
1981	184 AT 05:00 CST ON MAY 7	183 ON MAY 7	8.41 ON SEP 29	1 380 000	1981
1982	162 AT 18:00 CST ON MAY 22	161 ON MAY 21	14.8 ON APR 13	1 690 000	1982
1983	---	88.1 ON OCT 24	10.4 ON SEP 7	1 470 000	1983
1984	---	142 ON MAY 17	5.35 ON OCT 12	1 180 000	1984
				1 250 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BATCHAWANA RIVER NEAR BATCHAWANA - STATION NO. 02BF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	20.8	11.7	---	1967
1968	7.73	5.13	11.1	111	29.8	33.8	9.43	11.9	24.0	40.0	17.8	12.0	26.0	1968
1969	8.84	8.28	8.35	89.0	46.7	12.1	8.20	4.83	5.06	25.4	20.2	10.1	18.9	1969
1970	4.80	3.76	3.84	34.2	82.3	31.8	27.8	8.97	18.4	20.4	17.8	18.8	20.4	1970
1971	7.58	6.32	12.1	87.7	83.0	18.5	8.48	8.26	7.08	20.1	31.9	21.1	23.2	1971
1972	8.02	8.16	8.23	35.1	104	19.8	8.84	38.2	18.1	23.1	17.8	9.72	24.8	1972
1973	11.1	7.89	44.0	72.7	44.1	12.0	10.2	26.5	10.8	12.1	17.9	10.7	23.4	1973
1974	8.93	6.92	8.84	70.5	80.7	30.1	7.84	7.23	18.4	20.2	31.6	12.4	23.0	1974
1975	14.4	8.62	8.89	43.3	83.6	32.3	8.47	2.58	5.15	8.57	20.2	12.3	20.8	1975
1976	8.89	8.17	21.4	107	28.0	13.7	8.16	2.16	1.83	2.85	3.87	2.72	18.7	1976
1977	1.81	1.98	35.3	121	21.0	8.08	12.4	8.37	17.5	27.7	48.1	14.2	28.1	1977
1978	7.28	8.08	8.37	24.3	73.8	30.3	11.2	12.4	19.2	28.1	13.3	8.83	20.0	1978
1979	8.58	8.92	18.4	115	88.2	28.4	10.9	8.34	8.82	39.8	38.9	17.4	30.8	1979
1980	13.8	7.04	8.98	71.8	25.7	24.8	11.1	7.27	20.8	20.1	14.8	8.84	19.1	1980
1981	8.38	8.11	13.8	107	34.3	32.3	8.84	8.88	3.83	10.8	12.1	8.88	20.8	1981
1982	8.28	3.87	8.48	84.2	88.4	10.8	8.16	3.34	18.0	47.1	34.7	22.8	28.0	1982
1983	15.8	8.38	20.1	85.8	70.8	38.3	8.13	8.82	13.3	38.0	28.8	18.1	28.2	1983
1984	8.30	10.8	8.32	78.1	33.4	10.8	15.2	8.51	18.7	27.8	42.7	23.7	23.8	1984
MEAN	8.38	8.18	13.4	72.0	58.4	22.8	10.3	8.80	13.4	24.0	24.0	13.3	22.8	MEAN

LOCATION - LAT 46 58 38 N
LONG 84 31 31 W

DRAINAGE AREA, 1 180 km^2
NATURAL FLOW

BATCHAWANA RIVER NEAR BATCHAWANA - STATION NO. 02BF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	223 ON APR 15	3.948 ON MAR 14	822 000	1968
1969	136 AT 20:00 EST ON APR 17	134 ON APR 17	3.45 ON AUG 25	896 000	1969
1970	130 AT 18:03 EST ON JUN 1	126 ON JUN 2	3.458 ON MAR 1	843 000	1970
1971	151 AT 21:08 EST ON APR 21	145 ON APR 22	4.13 ON AUG 9	730 000	1971
1972	233 AT 11:29 EST ON MAY 3	228 ON MAY 3	5.588 ON MAR 4	778 000	1972
1973	154 AT 13:24 EST ON APR 17	150 ON APR 17	4.87 ON JUL 24	738 000	1973
1974	250 AT 18:30 EST ON APR 29	238 ON APR 30	4.628 ON FEB 19	726 000	1974
1975	272 AT 17:30 EST ON MAY 1	254 ON MAY 2	1.80 ON SEP 3	858 000	1975
1976	264 AT 01:35 EST ON APR 19	256 ON APR 19	1.33 ON SEP 2 *	827 000	1976
1977	283 AT 20:40 EST ON APR 21 *	266 ON APR 22	1.678 ON JAN 14	824 000	1977
1978	175 AT 22:3 EST ON MAY 13	168 ON MAY 14	4.228 ON MAR 20	831 000	1978
1979	-	430E ON APR 26 *	4.428 ON FEB 21	985 000	1979
1980	136 AT 08:10 EST ON APR 23	133 ON APR 23	4.45 ON AUG 31	806 000	1980
1981	223 AT 05:26 EST ON APR 5	219 ON APR 5	2.03 ON SEP 25	848 000	1981
1982	246 AT 21:01 EST ON MAY 2	237 ON MAY 3	2.28 ON AUG 21	790 000	1982
1983	155 AT 08:35 EST ON MAY 25	150 ON MAY 25	2.17 ON SEP 6	828 000	1983
1984	175 AT 21:47 EST ON APR 16	167 ON APR 16	4.09 ON AUG 21	746 000	1984
				721 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BAYFIELD RIVER NEAR VARNA - STATION NO. 02FF007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	0.317	4.72	15.5	---	1966
1967	11.6	4.32	19.1	17.5	3.27	1.72	1.01	2.22	0.403	7.21	19.4	14.5	8.54	1967
1968	3.88	21.8	17.1	4.17	1.24	0.855	0.259	1.19	0.216	1.98	8.30	8.76	5.58	1968
1969	7.75	6.18	17.6	17.4	9.00	1.57	0.281	0.149	0.133	0.328	3.49	2.91	5.58	1969
1970	1.58	3.29	10.2	19.8	2.83	0.485	0.829	0.620	0.372	0.719	3.21	8.85	4.23	1970
1971	2.90	8.27	21.7	16.0	1.21	0.933	0.293	0.423	0.338	0.213	0.302	3.78	4.61	1971
1972	8.18	1.21	15.6	15.3	2.08	0.732	0.781	0.182	0.122	2.09	4.00	13.3	5.07	1972
1973	16.6	4.76	21.7	5.36	5.83	1.45	0.332	0.168	0.115	0.184	4.36	8.28	5.84	1973
1974	12.7	4.81	14.6	13.7	11.9	2.11	0.533	0.166	0.184	0.257	3.07	2.08	5.62	1974
1975	12.6	8.98	16.6	19.2	2.52	2.29	0.342	0.514	1.34	0.398	1.61	7.80	6.18	1975
1976	4.85	22.9	32.1	7.81	5.52	0.579	1.45	0.244	0.542	0.686	4.70	1.73	6.87	1976
1977	0.828	1.32	35.6	4.62	0.843	0.537	0.114	0.241	1.82	5.15	6.84	11.3	6.83	1977
1978	2.54	1.24	7.76	28.5	2.92	1.12	0.159	0.098	2.27	5.02	2.22	4.44	4.83	1978
1979	5.06	1.53	24.7	18.7	2.62	0.631	0.814	0.121	0.063	1.67	12.0	13.6	7.18	1979
1980	2.78	0.802	19.5	13.2	3.62	1.54	1.01	0.884	0.458	3.14	1.79	5.89	4.58	1980
1981	0.528	30.8	8.10	5.68	7.06	1.12	0.421	0.293	4.50	13.4	5.29	5.15	5.78	1981
1982	3.61	0.902	24.3	15.7	2.02	2.65	0.897	0.775	1.52	0.928	10.2	19.0	5.92	1982
1983	4.21	9.86	4.21	6.75	9.55	2.78	0.806	2.81	2.78	2.22	4.78	8.62	4.89	1983
1984	1.67	22.6	10.5	5.74	2.43	2.81	0.415	0.283	1.40	0.846	9.44	12.5	5.79	1984
MEAN	5.60	8.54	18.1	13.1	4.28	1.44	0.586	0.808	1.03	2.44	5.73	8.81	5.81	MEAN

LOCATION - LAT 43 33 03 N
LONG 81 35 22 W
DRAINAGE AREA, 486 km^2
NATURAL FLOW

BAYFIELD RIVER NEAR VARNA - STATION NO. 02FF007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	151 AT 13:30 EST ON APR 3	118 ON APR 3	0.130 ON SEP 15	269 000	1967
1968	303 AT 12:30 EST ON FEB 2	264 ON FEB 2	0.113 ON JUL 30	178 000	1968
1969	135 AT 12:00 EST ON APR 5	111 ON APR 5	0.093 ON SEP 13	175 000	1969
1970	130 AT 08:44 EST ON APR 9	107 ON APR 9	0.122 ON JUN 26	133 000	1970
1971	101 AT 15:30 EST ON APR 2	81.7 ON APR 2	0.113 ON AUG 19	142 000	1971
1972	195 AT 20:45 EST ON DEC 31	148 ON DEC 31	0.083 ON SEP 23	180 000	1972
1973	185 AT 00:00 EST ON JAN 1	123 ON JAN 1	0.082 ON AUG 15	178 000	1973
1974	183 AT 05:52 EST ON MAY 17	127 ON MAY 17	0.118 ON AUG 26	174 000	1974
1975	210 AT 12:11 EST ON APR 19	151 ON APR 19	0.110 ON AUG 20	195 000	1975
1976	188 AT 19:38 EST ON MAR 5	120 ON MAR 5	0.088 ON AUG 30	217 000	1976
1977	311 AT 18:27 EST ON MAR 13 *	280 ON MAR 13 *	0.031 ON JUL 23 *	184 000	1977
1978	101 AT 19:26 EST ON APR 1	85.2 ON APR 2	0.048 ON SEP 5	155 000	1978
1979	213 AT 10:12 EST ON APR 14	158 ON APR 14	0.041 ON SEP 5	228 000	1979
1980	188 AT 10:58 EST ON MAR 21	139 ON MAR 21	0.100 ON SEP 12	144 000	1980
1981	195 AT 14:34 EST ON FEB 23	160 ON FEB 23	0.089 ON AUG 26	214 000	1981
1982	175 AT 17:14 EST ON MAR 31	143 ON MAR 31	0.171 ON SEP 15	218 000	1982
1983	46.8 AT 03:19 EST ON DEC 13	46.1 ON DEC 13	0.095 ON JUL 27	154 000	1983
1984	---	98.08 ON FEB 14	0.082 ON JUL 29	183 000	1984
				183 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAR BROOK AT CARLSBAD SPRINGS - STATION NO. 02LB101

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	0.202	0.758	7.32	3.10	0.819	0.188	0.090	0.037	0.234	0.753	0.588	0.143	1.19	1976
1977	0.084	0.131	5.15	1.58	0.280	0.182	0.180	0.150	0.587	1.52	1.32	1.23	1.04	1977
1978	2.88	1.00	2.28	8.85	0.488	0.146	0.071	0.136	---	---	---	---	---	1978
MEAN	0.855	0.630	4.91	3.87	0.529	0.185	0.114	0.108	0.411	1.14	0.944	0.687	1.12	MEAN

LOCATION - LAT 45 22 30 N DRAINAGE AREA, 85.0 km²
LONG 75 28 20 W NATURAL FLOW

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

BEAR BROOK AT CARLSBAD SPRINGS - STATION NO. 02LB101

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	27.7 AT 08:22 EST ON MAR 28 *	25.4 ON MAR 28 *	0.017 ON AUG 7 *	37 800	1976
1977	24.2 AT 22:30 EST ON MAR 14	23.4 ON MAR 14	0.085 ON JUL 11	32 800	1977
1978	20.0 AT 00:19 EST ON APR 15	18.0 ON APR 14	---	---	1978
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		35 200	MEAN

BEAR BROOK NEAR BOURGET - STATION NO. 02LB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	---	29.3	1.70	1.25	0.249	0.007	0.403	0.043	0.788	---	---	1948
1950	---	---	---	42.4	1.01	---	---	---	---	---	---	---	---	1950
1951	---	---	32.8	42.4	3.81	---	---	---	---	---	---	---	---	1951
1952	---	---	---	---	---	---	---	---	---	---	---	---	---	1952
1953	---	---	---	8.91	---	---	---	---	---	---	---	---	---	1953
1955	---	---	8.48	43.7	---	---	---	---	---	---	---	---	---	1955
1956	---	---	0.630	26.5	---	---	---	---	---	---	---	---	---	1956
1957	---	---	15.2	3.80	---	---	---	---	---	---	---	---	---	1957
1958	---	---	12.5	13.8	---	---	---	---	---	---	---	---	---	1958
1959	---	---	2.44	31.7	---	---	---	---	---	---	---	---	---	1959
1960	---	---	1.78	53.7	---	---	---	---	---	---	---	---	---	1960
1961	---	---	8.83	12.8	---	---	---	---	---	---	---	---	---	1961
1962	---	---	6.45	27.5	---	---	---	---	---	---	---	---	---	1962
1963	---	---	2.26	26.8	---	---	---	---	---	---	---	---	---	1963
1964	---	---	14.0	12.8	---	---	---	---	---	---	---	---	---	1964
1965	---	---	8.84	11.8	---	---	---	---	---	---	---	---	---	1965
1966	---	---	24.2	8.85	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	38.0	---	---	---	---	---	---	---	---	---	1967
1968	---	---	22.8	8.77	---	---	---	---	---	---	---	---	---	1968
1969	---	---	14.3	33.1	---	---	---	---	---	---	---	---	---	1969
1976	---	---	---	44.0	5.01	1.48	0.588	0.288	1.05	2.51	2.84	0.783	---	1976
1977	0.334	0.284	35.2	13.5	1.18	0.434	0.502	0.238	3.62	9.34	7.30	8.85	8.83	1977
1978	7.85	3.04	8.86	58.1	2.89	0.727	0.207	0.180	0.180	0.327	0.634	0.639	6.78	1978
1979	1.20	1.26	33.8	16.5	3.22	1.71	0.490	0.520	1.49	2.90	7.58	9.38	8.84	1979
1980	2.70	0.198	18.3	13.8	4.21	0.500	0.712	0.421	0.888	3.89	3.82	4.30	4.50	1980
1981	0.788	48.1	6.38	8.63	7.84	12.7	1.21	8.43	11.6	10.3	8.42	2.24	8.82	1981
1982	1.04	0.623	4.88	38.3	1.87	0.727	0.394	0.387	0.835	0.818	4.44	12.8	5.60	1982
1983	3.73	4.12	21.3	18.2	13.4	2.04	0.373	0.288	0.156	1.33	10.7	7.56	8.78	1983
1984	1.38	8.10	7.88	38.7	6.56	1.22	0.347	0.978	0.312	0.437	2.04	4.04	8.00	1984
MEAN	2.37	7.87	13.3	28.0	4.38	2.28	0.507	1.18	2.02	3.18	4.83	5.38	8.80	MEAN

LOCATION - LAT 45 25 35 N DRAINAGE AREA, 440 km²
LONG 75 08 12 W NATURAL FLOW

BEAR BROOK NEAR BOURGET - STATION NO. 02LB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1949	---	108 ON MAR 31	0 ON JUL 8 *	---	1949
1950	---	136 ON APR 5	0 ON MAY 23	---	1950
1951	---	125 ON MAR 31	---	---	1951
1952	---	116 ON APR 4	---	---	1952
1953	---	76.7 ON MAR 25	---	---	1953
1955	---	136 E ON APR 7	---	---	1955
1956	---	102 ON APR 7	---	---	1956
1957	---	41.3 ON MAR 16	---	---	1957
1958	---	72.5 ON MAR 30	---	---	1958
1959	---	119 ON APR 5	---	---	1959
1960	---	108 ON APR 8	---	---	1960
1961	---	64.68 ON MAR 29	---	---	1961
1962	---	75.0 ON APR 9	---	---	1962
1963	---	122 B ON APR 3	---	---	1963
1964	---	36.8 ON APR 23	---	---	1964
1965	---	35.18 ON APR 8	---	---	1965
1966	---	65.18 ON MAR 20	---	---	1966
1967	---	126 ON APR 3	---	---	1967
1968	---	90.8 ON MAR 28	---	---	1968
1969	---	70.58 ON APR 8	---	---	1969
1976	---	219 ON APR 4	0.187E ON AUG 23	---	1976
1977	---	150 B ON MAR 18	0.178 ON JUL 28	209 000	1977
1978	---	214 B ON APR 15	0.133 ON AUG 14	213 000	1978
1979	318 AT 19:39 EST ON MAR 25 *	285 ON MAR 25	0.155 ON JUL 28	209 000	1979
1980	---	116 B ON MAR 23	0.150B ON MAR 4	142 000	1980
1981	282 AT 09:44 EST ON FEB 21	270 ON FEB 21 *	0.321 ON AUG 2	313 000	1981
1982	---	153 B ON APR 2	0.127 ON AUG 19	177 000	1982
1983	---	85.09 ON MAR 20	0.121 ON SEP 9	214 000	1983
1984	188 AT 05:33 EST ON APR 8	172 ON APR 6	0.167 ON SEP 22	190 000	1984
				208 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAR CREEK ABOVE WILKESPORT - STATION NO. 02CG004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	---	0.004	0.085	1.88	---	1964
1965	3.94	12.4	14.4	14.8	0.489	0.097	0.040	0.049	0.042	0.324	0.881	9.68	4.70	1965
1966	2.50	8.93	9.87	7.08	2.45	4.57	0.073	0.087	0.081	0.042	2.73	19.2	4.78	1966
1967	6.33	2.98	20.0	18.9	1.81	5.42	0.741	0.388	0.202	11.3	14.8	19.0	8.81	1967
1968	5.61	27.3	19.4	5.34	2.30	7.36	3.85	0.236	0.158	0.097	1.43	7.77	6.84	1968
1969	9.27	6.82	5.21	11.7	9.58	3.55	0.731	0.055	0.026	0.044	2.34	4.78	4.49	1969
1970	0.710	5.22	15.3	12.9	3.45	0.820	0.578	0.171	0.063	0.094	1.34	4.75	3.79	1970
1971	1.21	12.1	18.7	3.49	0.749	0.385	0.104	0.038	0.116	0.101	0.148	4.71	3.27	1971
1972	3.27	0.856	14.4	14.2	1.86	0.570	1.78	0.138	0.056	0.782	6.83	12.7	4.77	1972
1973	17.3	4.89	28.4	5.40	3.49	3.82	0.528	0.221	0.022	0.043	3.16	9.71	8.45	1973
1974	20.3	11.0	18.7	9.95	13.1	0.855	0.103	0.023	0.034	0.088	0.717	2.49	8.27	1974
1975	12.6	12.2	15.8	13.5	1.44	3.80	0.185	3.59	7.15	1.88	2.52	8.89	6.85	1975
1976	3.16	33.4	18.5	9.73	8.36	0.708	8.69	0.978	0.311	0.858	0.808	0.410	8.80	1976
1977	0.171	3.90	26.6	8.96	0.735	0.133	0.441	0.040	0.303	1.13	4.19	18.8	5.28	1977
1978	1.10	0.875	21.5	14.4	1.69	1.03	0.080	0.011	0.116	0.087	0.188	0.805	3.81	1978
1979	0.833	0.578	16.1	24.2	2.35	0.816	0.384	0.170	0.030	0.057	1.77	11.4	4.89	1979
1980	3.04	0.890	15.3	12.7	3.66	1.81	0.672	0.787	0.303	1.17	0.428	2.90	3.87	1980
1981	0.248	25.4	4.87	9.78	5.25	0.481	0.142	1.80	8.90	22.4	8.92	5.12	7.48	1981
1982	7.75	0.815	36.1	15.3	0.804	2.48	0.612	1.25	0.448	0.382	7.08	19.7	7.78	1982
1983	3.16	10.8	4.38	9.63	9.95	2.94	0.307	0.888	0.855	0.228	8.76	11.3	5.05	1983
1984	0.551	21.0	19.2	7.22	---	---	---	---	---	---	---	---	---	1984
MEAN	5.14	10.1	16.9	11.3	3.87	2.20	1.07	0.585	0.895	2.04	3.24	8.88	5.83	MEAN

LOCATION - LAT 42 46 52 N DRAINAGE AREA, 809 km^2
LONG 82 20 30 W NATURAL FLOW

REMARKS - STATION DISCONTINUED MAY 2 1984

BEAR CREEK ABOVE WILKESPORT - STATION NO. 02GG004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	104 AT 05:00 EST ON FEB 12	91.7 ON FEB 12	0.014 ON JUL 28	148 000	1985
1986	143 AT 04:00 EST ON DEC 9	126 ON DEC 9	0.003 ON JUL 25	161 000	1986
1987	106 E AT 15:45 EST ON DEC 23	105 E ON DEC 23	0.051 ON SEP 18	272 000	1987
1988	225 B AT 19:00 EST ON FEB 3 *	214 B ON FEB 3 *	0 ON OCT 12 *	210 000	1988
1989	48.78 AT 05:18 EST ON FEB 2	44.78 ON FEB 2	0 ON AUG 29	142 000	1989
1990	92.9 AT 20:10 EST ON APR 4	80.4 ON APR 4	0.002 ON SEP 14	119 000	1990
1991	48.78 AT 01:48 EST ON MAR 2	47.88 ON MAR 1	0.008E ON AUG 16	103 000	1991
1992	89.4 AT 19:46 EST ON APR 16	80.3 ON APR 16	0.042 ON SEP 24	151 000	1992
1993	120 AT 04:45 EST ON JAN 2	108 ON JAN 2	0.010 ON OCT 7	203 000	1993
1994	86.3 AT 18:06 EST ON MAR 8	84.4 ON MAR 8	0.013 ON AUG 15	198 000	1994
1995	70.6 AT 04:01 EST ON FEB 28	58.8 ON FEB 28	0.048 ON AUG 1	216 000	1995
1996	126 B AT 21:20 EST ON FEB 19	123 ON FEB 20	0.062 ON SEP 8	215 000	1996
1997	59.7 AT 08:37 EST ON MAR 13	59.2 ON MAR 13	0 ON AUG 27	186 000	1997
1998	---	101 A ON MAR 24	0 ON SEP 8	111 000	1998
1999	166 AT 16:11 EST ON APR 15	152 ON APR 15	0.001 ON SEP 29	154 000	1999
2000	82.5 AT 17:20 EST ON MAR 23	80.9 ON MAR 23	0.090 ON SEP 8	118 000	2000
2001	111 AT 20:44 EST ON FEB 20	108 ON FEB 20	0.027 ON JUL 27	235 000	2001
2002	141 B AT 23:29 EST ON MAR 16	133 B ON MAR 17	0.067 ON AUG 22	245 000	2002
2003	48.6 AT 10:25 EST ON MAY 4	47.0 ON MAY 4	0.052 ON SEP 15	159 000	2003
2004	---	150 E ON FEB 15	---	---	2004
MEAN				174 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAR CREEK BELOW BRIGDEN - STATION NO. 02GG009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	4.24	0.377	0.118	1.17	8.09	16.2	5.58	4.42	---	1981
1982	7.31	0.482	30.8	14.2	0.746	1.70	0.348	1.07	0.431	0.381	8.30	16.2	6.73	1982
1983	2.84	9.24	4.08	8.71	8.87	3.61	0.226	0.747	0.522	0.196	5.67	10.7	4.48	1983
1984	0.488	18.3	17.0	6.14	2.80	5.88	1.12	0.672	3.75	0.783	9.44	8.86	6.38	1984
MEAN	3.48	9.87	17.3	9.68	4.21	2.82	0.464	0.915	3.20	4.38	5.75	10.3	5.86	MEAN

LOCATION - LAT 42 48 42 N, LONG 82 17 54 W
DRAINAGE AREA, 533 km^2
NATURAL FLOW

BEAR CREEK BELOW BRIGDEN - STATION NO. 02GG009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	0.045 ON JUL 28	---	1981
1982	120 B AT 19:42 EST ON MAR 16	114 B ON MAR 16	0.085 ON AUG 2	212 000	1982
1983	47.5 AT 02:53 EST ON MAY 4	44.1 ON MAY 4	0.032 ON SEP 15 *	141 000	1983
1984	161 AT 13:30 EST ON FEB 15 *	151 ON FEB 15 *	0.083 ON AUG 1	202 000	1984
MEAN				185 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAR CREEK NEAR PETROLIA - STATION NO. 02GG008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	0.038	0.049	0.017	2.26	7.54	---	1966
1967	2.82	1.27	9.02	6.74	0.903	3.61	0.284	0.223	0.148	5.42	5.83	7.85	3.71	1967
1968	2.88	7.18	7.70	2.02	0.548	2.12	1.31	0.158	0.104	0.079	1.48	3.13	2.36	1968
1969	5.80	2.35	2.48	5.03	4.47	1.48	0.119	0.039	0.001	0.015	1.21	2.00	2.08	1969
1970	0.388	1.85	8.80	7.12	1.88	0.410	0.534	0.359	0.041	0.044	0.480	1.84	1.84	1970
1971	0.457	5.08	5.07	1.41	0.375	0.167	0.042	0.052	0.085	0.047	0.182	3.12	1.40	1971
1972	1.30	0.282	6.18	4.80	0.660	0.354	0.453	0.048	0.035	0.260	2.51	5.03	1.84	1972
1973	5.58	1.67	12.5	2.11	1.70	1.62	0.136	0.127	0.011	0.034	2.81	3.97	3.69	1973
1974	5.84	4.31	7.65	4.19	6.34	0.301	0.080	0.038	0.014	0.070	0.532	1.33	2.81	1974
1975	5.45	4.58	5.54	8.48	0.577	1.64	0.081	1.61	2.73	0.833	1.23	3.48	3.90	1975
1976	1.61	21.8	5.23	3.33	4.48	0.390	3.23	0.310	0.130	0.372	0.377	0.311	3.84	1976
1977	0.180	1.51	12.6	4.33	0.587	0.077	0.611	0.020	0.332	0.786	2.88	7.80	2.68	1977
1978	0.483	0.276	5.65	8.43	1.13	0.404	0.034	0.026	0.077	0.070	0.136	0.408	1.80	1978
1979	0.467	0.428	7.20	11.7	1.08	0.284	0.337	0.148	0.018	0.057	1.03	4.90	2.31	1979
1980	1.23	0.543	8.50	5.21	1.88	0.788	0.858	0.401	0.232	0.848	0.211	1.38	1.95	1980
1981	0.150	11.8	1.97	3.86	1.67	0.176	0.033	0.887	4.61	5.31	3.08	2.15	3.26	1981
1982	4.68	0.337	18.2	8.43	0.524	0.708	0.100	0.671	0.247	0.197	3.61	8.64	3.60	1982
1983	1.32	8.06	1.94	3.81	3.81	1.19	0.112	0.338	0.234	0.128	2.24	4.38	2.00	1983
1984	0.188	10.8	7.33	2.88	1.32	4.36	0.388	0.188	1.21	0.248	3.82	4.82	3.07	1984
MEAN	2.60	4.58	7.73	6.81	1.88	1.12	0.488	0.307	0.543	0.874	1.88	3.80	2.53	MEAN

LOCATION - LAT 42 54 21 N, LONG 82 07 12 W
DRAINAGE AREA, 287 km^2
NATURAL FLOW

BEAR CREEK NEAR PETROLIA - STATION NO. 02CG005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	112 AT 12:30 EST ON DEC 22	81.0 ON DEC 22	0.008 ON SEP 20	117 000	1967
1968	180 B AT 18:00 EST ON FEB 2	81.08 ON FEB 2	0.037 ON OCT 20	74 500	1968
1969	35.48 AT 07:11 EST ON JAN 31	32.38 ON JAN 31	0 ON SEP 5 *	68 800	1969
1970	104 AT 09:03 EST ON APR 3	79.3 ON APR 3	0.018 ON AUG 31	81 100	1970
1971	36.88 AT 02:14 EST ON FEB 26	31.19 ON FEB 28	0 ON AUG 9	44 100	1971
1972	90.8 AT 23:59 EST ON DEC 31	62.8 ON DEC 31	0.024 ON SEP 7	58 100	1972
1973	90.9R AT 00:01 EST ON JAN 1	53.0 ON JAN 1	0 ON SEP 15	84 800	1973
1974	82.1 AT 10:58 EST ON MAY 17	62.6 ON MAY 17	0 ON SEP 20	88 700	1974
1975	78.7 AT 19:58 EST ON APR 19	39.1 ON APR 19	0.031 ON AUG 2	81 500	1975
1976	---	108 E ON FEB 20	0 ON AUG 30	115 000	1976
1977	---	40.5 ON MAR 10	0 ON AUG 21	83 800	1977
1978	---	58.8A ON MAR 24	0 ON AUG 17	50 500	1978
1979	226 AT 12:42 EST ON APR 14 *	156 ON APR 14 *	0 ON SEP 30	72 700	1979
1980	43.7 AT 03:30 EST ON MAR 21	31.4 ON MAR 22	0.100E ON JUL 20	52 100	1980
1981	83.4 AT 15:28 EST ON FEB 18	81.2 ON FEB 19	0.011 ON JUL 17	103 000	1981
1982	---	88.0B ON MAR 15	0.012 ON JUL 29	114 000	1982
1983	26.1 AT 20:51 EST ON DEC 13	22.7 ON DEC 13	0.010 ON SEP 15	63 000	1983
1984	188 AT 13:07 EST ON FEB 14	148 ON FEB 14	0.028 ON AUG 17	87 200	1984
				79 800	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

BEAVER CREEK NEAR MARMORA - STATION NO. 02HK005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	---	---	1.04	4.32	7.89	---	1973
1974	10.7	9.14	14.1	38.0	23.1	5.28	0.988	0.219	0.224	1.12	6.12	9.59	9.03	1974
1975	7.17	4.77	13.7	26.0	15.1	2.85	0.382	0.078	0.188	0.531	1.38	4.30	5.38	1975
1976	4.82	3.72	20.0	34.1	10.0	2.40	0.945	0.286	0.190	0.483	3.04	3.08	5.91	1976
1977	1.26	1.28	13.8	16.8	4.81	0.842	0.275	0.159	0.178	1.89	8.82	12.2	4.89	1977
1978	9.38	6.27	4.89	30.5	19.4	2.65	0.425	0.532	1.23	3.58	8.83	8.89	7.70	1978
1979	5.73	3.96	20.2	33.9	14.7	5.06	0.388	0.230	0.178	1.61	7.80	13.3	8.93	1979
1980	9.38	3.32	13.4	24.7	11.6	2.13	1.38	0.805	0.284	1.80	4.78	4.84	5.63	1980
1981	2.44	21.3	16.5	14.1	7.47	4.98	1.68	0.451	3.94	5.63	9.77	5.41	7.68	1981
1982	3.81	2.47	4.84	27.8	11.8	4.86	1.30	0.348	0.515	1.52	8.75	19.0	7.27	1982
1983	10.8	7.65	9.95	15.0	23.6	6.96	0.229	0.087	0.088	0.833	1.88	3.89	6.77	1983
1984	2.54	11.3	11.5	31.8	15.6	2.71	0.395	0.680	0.300	0.638	2.63	4.73	7.03	1984
MEAN	6.19	6.83	13.2	25.7	14.3	3.67	0.783	0.351	0.886	1.88	5.31	7.80	7.21	MEAN

LOCATION - LAT 44 32 02 N
LONG 77 41 56 W
DRAINAGE AREA, 541 km^2
REGULATED

BEAVER CREEK NEAR MARMORA - STATION NO. 02HK005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	---	46.4 ON APR 17	0.153 ON AUG 28	286 000	1974
1975	53.8 AT 03:26 EST ON APR 21	52.7 ON APR 21	0.023 ON SEP 10 *	200 000	1975
1976	80.1 AT 15:58 EST ON APR 2	79.0 ON APR 2	0.156E ON OCT 5	318 000	1976
1977	---	32.0B ON MAR 17	0.122 ON AUG 3	154 000	1977
1978	54.1 AT 12:37 EST ON APR 22	53.5 ON APR 22	0.306 ON AUG 18	243 000	1978
1979	64.7 AT 12:54 EST ON MAR 26	62.6 ON MAR 26	0.121 ON SEP 13	282 000	1979
1980	---	85.0B ON MAR 23	0.178 ON SEP 19	207 000	1980
1981	88.5B AT 10:00 EST ON FEB 25 *	85.5B ON FEB 25 *	0.255 ON SEP 1	248 000	1981
1982	50.7 AT 06:55 EST ON APR 19	50.2 ON APR 22	0.181 ON AUG 18	239 000	1982
1983	37.1 AT 18:04 EST ON MAY 9	36.8 ON MAY 9	0.076 ON AUG 21	213 000	1983
1984	57.6 AT 15:24 EST ON APR 7	56.4 ON APR 7	0.147 ON AUG 5	222 000	1984
				227 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAVER RIVER ABOVE EUGENIA POWER HOUSE - STATION NO. 02FB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1918	---	---	---	---	---	---	---	---	---	0.492	0.716	1.47	---	1918
1919	---	---	3.34	4.84	5.90	2.26	1.35	1.30	1.06	0.813	0.890	1.03	---	1919
1920	0.743	0.893	---	---	---	1.64	1.48	0.805	0.645	0.824	1.80	1.88	---	1920
1921	3.43	3.22	5.88	4.31	2.82	1.66	0.902	0.705	0.734	0.710	0.885	0.848	2.41	1921
1922	0.708	0.880	2.40	4.78	2.59	1.16	1.04	0.593	0.578	0.486	0.505	0.481	1.35	1922
1923	0.481	0.481	0.880	3.56	5.12	2.73	0.926	0.728	0.618	0.371	0.575	1.12	1.48	1923
1924	1.72	1.58	1.92	4.13	3.13	1.14	0.985	0.662	0.623	0.513	0.826	0.902	1.48	1924
1925	0.308	1.45	3.17	2.80	2.27	1.52	0.789	0.493	0.795	0.876	2.51	1.30	1.53	1925
1926	1.16	1.13	2.06	5.13	5.03	2.74	1.01	1.29	1.03	1.38	2.88	1.60	2.52	1926
1927	0.536	0.881	4.60	3.54	2.21	1.58	1.51	1.01	0.806	0.749	1.11	1.24	1.83	1927
1928	1.23	0.846	2.35	5.45	2.58	1.34	1.47	2.14	1.48	1.36	2.08	3.35	2.47	1928
1929	3.98	1.81	7.04	8.72	5.29	1.87	1.34	0.578	0.460	0.440	0.957	0.783	2.88	1929
1930	1.58	2.21	1.61	5.48	2.48	1.18	0.878	0.544	0.505	0.542	0.481	0.538	1.48	1930
1931	0.388	0.311	0.286	1.88	1.18	0.870	0.782	0.621	0.372	0.667	1.54	1.38	0.873	1931
1932	4.03	5.38	4.28	6.80	3.40	1.16	0.974	0.802	1.01	0.903	1.53	1.83	2.84	1932
1933	1.58	1.30	1.67	8.84	1.92	1.12	0.831	0.462	0.536	0.515	0.854	0.983	1.81	1933
1934	0.991	0.880	1.36	3.48	1.07	0.720	0.691	0.587	0.474	0.420	0.551	0.398	0.950	1934
1935	0.983	0.453	2.35	0.934	0.785	0.875	0.473	0.287	0.308	0.459	0.884	0.538	0.782	1935
1936	0.428	0.481	2.04	1.88	1.18	0.883	0.414	0.384	0.484	0.477	0.788	1.08	0.876	1936
1937	2.04	1.84	0.785	1.67	0.871	0.588	0.534	0.404	0.390	0.475	0.529	0.398	0.885	1937
1938	0.283	---	3.17	1.83	1.12	0.789	0.607	0.454	0.653	0.449	0.446	0.453	---	1938
1939	0.785	0.783	1.33	3.37	3.01	0.948	0.888	0.880	0.481	0.513	0.784	0.545	1.18	1939
1940	0.388	0.388	0.810	2.85	1.87	1.41	0.845	0.838	0.810	0.912	1.45	1.50	1.18	1940
1941	1.61	0.850	0.821	2.74	0.857	0.871	0.482	0.537	0.817	1.47	1.73	1.70	1.17	1941
1942	1.13	0.821	3.41	4.34	2.77	2.40	1.11	0.879	1.18	1.06	1.63	1.30	1.84	1942
1943	1.22	1.18	3.12	5.18	8.10	2.58	1.12	0.868	0.587	0.586	0.880	0.595	2.26	1943
1944	0.880	0.783	1.02	2.33	1.28	0.880	0.482	0.349	0.440	0.350	0.520	0.586	0.788	1944
1945	0.810	0.428	2.87	1.88	2.71	2.24	2.84	1.08	1.14	2.48	1.81	1.22	1.74	1945
1946	2.12	1.44	4.84	1.84	1.04	0.824	0.787	0.478	0.811	0.812	0.877	0.880	1.27	1946
1947	0.783	0.833	0.908	8.74	4.08	2.07	1.30	0.712	0.812	0.402	0.481	0.595	1.84	1947
1948	0.483	0.481	2.84	3.30	1.87	0.933	0.707	0.525	0.428	0.838	0.852	0.488	1.02	1948
1949	1.38	1.27	2.78	2.80	1.18	0.881	0.843	0.370	0.404	0.832	0.488	1.83	1.20	1949
1950	2.18	1.08	1.80	4.87	1.38	1.00	0.717	0.827	0.808	0.830	0.770	1.42	1.41	1950
1951	1.70	0.878	2.01	7.74	3.28	---	---	---	---	---	---	---	---	1951
MEAN	1.29	1.17	2.87	4.31	2.74	1.38	0.952	0.712	0.881	0.723	1.04	1.08	1.84	MEAN

LOCATION - LAT 44 20 20 N
LONG 80 32 20 W

DRAINAGE AREA, 264 km²
REGULATED

BEAVER RIVER ABOVE EUGENIA POWER HOUSE - STATION NO. 02FB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1918	---	---	---		
1919	---	8.30 ON MAY 6	---	---	1918
				---	1919
1920	---	---	---		
1921	---	---	---	---	1920
1922	---	22.7 ON MAR 20	0.340 ON AUG 24	76 000	1921
1923	---	10.6 ON APR 11	0 8 ON MAR 1 *	42 500	1922
1924	---	14.2 ON MAY 21	0.311 ON OCT 14	46 800	1923
		12.2 ON APR 6	0.311 ON AUG 10	47 300	1924
1925	---				
1926	---	7.84 ON MAR 26	0.2838 ON JAN 9	48 200	1925
1927	---	22.6 E ON MAY 3	0.595 ON JUL 30	79 400	1926
1928	---	8.80 ON MAR 17	0.4418 ON MAR 1	51 900	1927
1929	---	17.6 ON APR 4	0.595 ON JUL 12	78 100	1928
		33.1 ON APR 6 *	0.198 ON OCT 2	90 300	1929
1930	---				
1931	---	12.4 ON APR 18	0.340 ON SEP 7	47 000	1930
1932	---	8.84 ON NOV 20	0.283 ON OCT 6	27 500	1931
1933	---	13.6 ON APR 11	0.538 ON AUG 23	88 700	1932
1934	---	13.6 ON APR 11	0.340 ON AUG 9	47 600	1933
		8.84 ON APR 6	0.227 ON SEP 10	30 000	1934
1935	---				
1936	---	8.848 ON MAR 17	0.198 ON AUG 9	24 000	1935
1937	---	4.84 ON MAR 27	0.255 ON AUG 9	27 700	1936
1938	---	5.52 ON APR 6	0.311 ON AUG 1	27 900	1937
1939	---	9.948 ON MAR 23	---	---	1938
		7.82 ON APR 18	0.311 ON OCT 13	38 200	1939
1940	---				
1941	---	5.88 ON APR 10	0.3968 ON JAN 1	38 600	1940
1942	---	8.89 ON APR 6	0.340 ON JUL 8	37 000	1941
1943	---	18.3 ON MAR 17	0.538 ON MAR 1	57 900	1942
1944	---	18.8 ON MAY 12	0.425 ON SEP 5	71 200	1943
		4.90 ON APR 10	0.227 ON AUG 15	24 900	1944
1945	---				
1946	---	13.5 ON JUL 15	0.4358 ON FEB 1	55 000	1945
1947	---	7.43 ON MAR 7	0.398 ON SEP 11	40 200	1946
1948	---	18.8 ON APR 11	0.340 ON OCT 14	58 000	1947
1949	---	11.5 ON MAR 20	0.311 ON SEP 6	32 300	1948
		8.85 ON MAR 28	0.227 ON AUG 13	37 900	1949
1950	---				
1951	---	18.0 ON APR 4	0.340 ON AUG 20	44 400	1950
		17.8 ON APR 26	---	---	1951
				48 700	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BEAVER RIVER AT EUGENIA - STATION NO. 02FB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1910	---	---	---	---	---	---	1.17	0.977	0.793	0.886	1.23	0.955	---	1910
1911	1.22	1.37	2.34	7.12	2.80	1.31	---	---	---	---	---	---	---	1911
1913	---	---	---	---	---	1.88	1.23	0.923	0.808	0.849	1.28	1.12	---	1913
1914	0.989	1.54	2.06	4.99	2.45	1.43	0.988	0.881	0.729	0.881	1.17	1.17	1.80	1914
MEAN	1.10	1.46	2.20	6.06	2.53	1.54	1.13	0.927	0.776	0.872	1.22	1.08	1.80	MEAN

LOCATION - LAT 44 18 00 N LONG 80 31 00 W
DRAINAGE AREA, 178 km²
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO HYDRO

BEAVER RIVER AT EUGENIA - STATION NO. 02FB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1910	---	---	---	---	1910
1911	---	15.0 ON APR 15 *	0.906 ON JUN 30	---	1911
1913	---	---	---	---	1913
1914	---	7.73 ON APR 3	0.510 ON OCT 5 *	50 800	1914
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		50 800	MEAN

BEAVER RIVER NEAR CLARKSBURG - STATION NO. 02FB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	5.13	4.75	5.89	2.35	4.87	5.54	8.15	12.3	---	1957
1958	7.52	7.17	9.14	10.7	3.93	2.82	3.32	2.38	3.87	3.36	3.29	3.38	5.05	1958
1959	3.28	3.77	9.12	22.2	14.2	6.82	3.88	4.10	4.31	---	---	---	---	1959
1960	---	---	---	---	---	---	---	---	---	3.25	4.95	4.38	---	1960
1961	3.55	7.80	14.1	15.3	10.8	8.11	4.38	3.88	2.84	3.03	3.31	4.07	5.73	1961
1962	3.88	4.05	10.0	13.2	4.87	2.74	2.08	1.93	1.81	2.30	5.03	5.80	4.60	1962
1963	2.90	3.37	13.3	12.5	14.1	5.02	2.74	2.18	3.18	2.82	5.38	3.84	5.05	1963
1964	7.07	5.82	10.0	8.53	3.87	2.48	1.97	2.43	3.07	2.44	2.28	4.72	4.58	1964
1965	5.35	10.2	8.37	23.6	11.0	4.32	3.23	3.10	3.22	4.07	6.52	11.8	7.88	1965
1966	8.44	12.3	14.8	8.00	4.24	4.09	2.80	2.59	2.86	2.81	4.45	8.98	6.24	1966
1967	7.47	7.07	10.8	17.3	5.74	10.8	13.5	6.82	6.37	7.44	14.1	15.2	10.2	1967
1968	9.08	16.6	19.8	15.2	7.01	4.54	3.41	4.80	5.61	4.82	9.94	14.0	9.48	1968
1969	9.48	9.84	11.8	27.0	19.8	8.85	5.04	3.33	2.92	4.08	5.75	4.94	9.38	1969
1970	3.84	4.33	5.76	24.9	9.93	4.41	5.74	3.68	4.73	5.87	8.36	7.08	7.20	1970
1971	6.02	8.57	14.2	30.1	8.85	5.37	3.78	3.20	3.21	3.31	3.92	8.23	8.12	1971
1972	7.40	6.96	8.53	28.4	11.8	5.38	4.85	3.85	3.34	4.23	5.94	8.07	7.89	1972
1973	14.9	8.96	21.5	18.3	8.28	6.14	3.54	3.70	2.97	3.58	7.84	7.83	9.00	1973
1974	8.02	7.43	17.5	20.4	14.9	8.28	5.38	3.59	2.85	4.05	7.05	5.55	8.88	1974
1975	7.14	7.70	12.3	26.1	14.4	6.81	3.80	3.33	4.11	3.40	3.50	5.74	8.08	1975
1976	4.47	11.4	28.8	16.8	7.44	3.99	5.20	4.00	2.73	5.78	9.12	8.13	8.80	1976
1977	4.53	4.23	24.5	15.5	5.27	2.91	2.63	4.07	4.75	11.1	12.8	13.6	8.89	1977
1978	5.98	4.20	7.25	22.8	12.5	6.04	2.99	3.17	5.48	5.78	5.26	5.34	7.23	1978
1979	5.76	5.63	24.8	23.7	12.3	5.83	2.78	2.70	4.62	5.30	8.28	13.1	9.58	1979
1980	9.23	5.37	13.5	19.0	7.97	5.88	7.73	5.28	5.90	7.65	7.98	10.1	8.81	1980
1981	8.01	20.4	12.8	11.5	8.65	5.41	3.63	3.86	6.17	9.21	9.90	8.39	8.98	1981
1982	7.14	5.72	14.0	33.0	8.32	9.89	4.67	3.88	3.78	4.89	8.54	15.6	10.0	1982
1983	9.64	10.1	10.8	12.8	11.7	6.36	2.74	2.81	4.16	4.63	9.93	7.58	7.77	1983
1984	4.22	18.8	14.5	19.7	10.9	7.45	3.87	2.30	4.76	4.25	8.44	10.7	9.10	1984
MEAN	6.87	8.24	13.8	19.0	8.89	5.62	4.28	3.47	4.09	4.74	6.95	8.45	7.83	MEAN

LOCATION - LAT 44 31 20 N LONG 80 28 00 W
DRAINAGE AREA, 572 km²
REGULATED SINCE 1915

BEAVER RIVER NEAR CLARKSBURG - STATION NO. 02FB009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	51.0 AT 23:00 EST ON DEC 20	30.8 ON DEC 21	2.01 ON AUG 19	---	1957
1958	19.4 AT 19:30 EST ON MAR 29	15.9 ON APR 6	1.81 ON AUG 4	159 000	1958
1959	47.8 AT 21:00 EST ON APR 5	38.5 ON APR 6	---	---	1959
1960	---	---	---	---	1960
1961	31.4 AT 19:00 EST ON MAR 27	24.8 ON MAR 28	1.81 ON OCT 25	212 000	1961
1962	45.3 AT 00:01 EST ON DEC 7	32.6 ON MAR 29	1.85 ON OCT 19	151 000	1962
1963	54.4 AT 20:00 EST ON MAR 28	52.1 ON MAR 27	2.21 ON JUL 12	191 000	1963
1964	---	17.88 ON MAR 5	1.89 ON NOV 2	144 000	1964
1965	80.0 AT 03:00 EST ON APR 12	55.4 ON APR 12	2.01 ON JUL 24	242 000	1965
1966	88.5 AT 18:30 EST ON FEB 10	39.1 ON FEB 11	1.89 ON AUG 4	300 000	1966
1967	54.4 AT 16:30 EST ON JUL 10	38.6 ON APR 1	2.25 ON JUN 5	322 000	1967
1968	79.0 AT 12:40 EST ON FEB 2	62.0 ON FEB 2	2.17 ON AUG 4	300 000	1968
1969	45.5 AT 05:15 EST ON APR 18	39.6 ON APR 11	2.13 ON OCT 13	296 000	1969
1970	47.9 AT 03:15 EST ON APR 9	45.3 ON APR 9	2.84 ON AUG 28	227 000	1970
1971	54.4B AT 20:55 EST ON MAR 15	45.3 ON MAR 16	2.78 ON AUG 22	256 000	1971
1972	58.6 AT 20:36 EST ON APR 14	49.3 ON APR 19	2.82 ON NOV 2	243 000	1972
1973	45.6 AT 12:44 EST ON MAR 30	38.9 ON MAR 30	2.00 ON JUL 18	284 000	1973
1974	80.4R AT 01:36 EST ON APR 4	51.4R ON MAR 5	1.59 ON SEP 24	274 000	1974
1975	81.6 AT 03:46 EST ON APR 19	71.6 ON APR 19	1.77 ON NOV 4	255 000	1975
1976	66.6 AT 02:55 EST ON MAR 21	61.2 ON MAR 21	1.33 ON SEP 7	281 000	1976
1977	86.3 AT 05:21 EST ON MAR 13 *	73.1 ON MAR 13 *	1.00 ON JUL 29 *	280 000	1977
1978	44.7 AT 16:16 EST ON APR 1	33.1 ON APR 1	1.24 ON AUG 14	228 000	1978
1979	86.5 AT 00:03 EST ON APR 14	51.9 ON APR 14	1.25 ON JUL 20	302 000	1979
1980	84.5 AT 14:14 EST ON MAR 21	48.5 ON MAR 21	2.57 ON JUL 13	279 000	1980
1981	63.4 AT 23:11 EST ON FEB 18	56.9B ON FEB 19	1.43 ON AUG 2	283 000	1981
1982	72.9 AT 16:30 EST ON MAR 31	64.8 ON MAR 31	2.42 ON SEP 2	316 000	1982
1983	29.1 AT 23:38 EST ON NOV 20	23.0 ON NOV 21	1.28 ON JUL 18	245 000	1983
1984	85.6 AT 11:30 EST ON DEC 29	51.0B ON DEC 29	1.41 ON AUG 7	288 000	1984
				250 000	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

BEAVER RIVER NEAR FEVERSHAM - STATION NO. 02FB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	0.941	2.03	1.01	0.598	0.389	0.358	0.248	0.342	0.480	0.635	---	1914
1915	0.472	0.581	0.880	1.82	0.883	0.589	0.484	0.410	---	---	---	---	---	1915
MEAN	0.472	0.581	0.801	1.83	0.937	0.564	0.432	0.404	0.248	0.342	0.480	0.635	---	MEAN

LOCATION - LAT 44 19 15 N
LONG 80 24 00 W

DRAINAGE AREA, 81.6 km^2
NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO HYDRO

BEAVER RIVER NEAR FEVERSHAM - STATION NO. 02FB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	3.28 ON MAR 31	---	---	1914
1915	---	3.77 ON APR 11 *	---	---	1915
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	3.43	5.28	0.819	1.70	1.25	1.48	1.88	2.00	2.07	---	1915
1916	8.38	7.93	6.52	11.4	5.84	3.88	1.88	1.27	1.11	1.48	2.49	4.43	4.86	1916
1917	3.08	3.20	4.71	8.82	5.35	3.87	4.48	2.55	2.32	2.83	2.48	2.56	3.82	1917
1918	2.45	2.58	3.81	8.59	3.84	2.37	2.20	2.32	2.46	2.48	2.72	3.23	3.23	1918
1919	3.27	2.77	6.34	8.38	6.52	3.45	2.04	2.40	2.55	2.73	3.22	3.80	3.78	1919
1920	2.86	2.47	6.13	5.05	3.85	2.83	2.63	1.97	1.81	2.88	3.82	4.13	3.33	1920
1921	5.57	5.57	13.4	8.14	4.12	2.90	2.28	2.12	2.51	3.22	2.42	2.91	4.43	1921
1922	2.42	2.72	4.98	8.54	4.67	2.91	2.45	2.00	2.26	2.71	2.97	2.45	3.42	1922
1923	2.45	2.35	3.36	8.12	6.83	4.50	3.03	2.30	2.31	2.24	2.52	2.82	3.41	1923
1924	3.02	2.84	3.57	7.31	5.34	3.51	2.98	2.51	2.98	3.12	3.31	3.18	3.82	1924
1925	2.74	3.50	5.85	4.28	4.07	3.82	3.33	2.77	2.83	2.83	3.84	3.51	3.58	1925
1926	3.40	3.51	4.54	9.88	11.0	4.11	2.85	3.03	2.77	3.23	4.81	3.84	4.77	1926
1927	4.19	4.93	6.68	8.28	5.01	4.25	3.85	3.12	3.13	3.04	3.57	3.83	4.49	1927
1928	3.89	3.50	6.29	14.0	5.11	3.58	3.93	4.45	4.04	4.77	5.58	6.71	5.48	1928
1929	7.81	5.48	11.8	18.1	8.98	4.89	4.63	3.85	3.48	3.88	3.14	2.85	6.44	1929
1930	4.18	5.46	4.30	8.12	5.25	4.58	3.53	3.24	2.82	2.01	1.84	1.83	3.93	1930
1931	1.78	2.22	1.89	3.82	2.14	2.85	2.42	2.37	2.24	2.89	3.08	4.05	2.59	1931
1932	5.60	8.01	6.63	9.08	4.84	2.74	2.28	2.17	2.98	2.82	3.45	4.47	4.82	1932
1933	4.93	4.42	5.13	7.88	3.53	2.80	2.38	2.73	1.87	1.74	2.94	3.57	3.84	1933
1934	3.20	2.49	3.82	5.41	2.79	1.93	1.91	1.82	1.28	2.11	3.17	1.78	2.80	1934
1935	2.63	2.58	4.58	1.78	1.03	1.33	1.40	1.42	1.37	1.44	2.23	2.85	2.05	1935
1936	2.07	2.01	4.10	4.42	3.28	2.78	2.00	2.11	2.04	1.77	3.52	3.82	2.83	1936
1937	4.22	4.62	2.89	2.72	2.38	2.84	1.72	1.78	1.48	1.43	2.02	2.10	2.48	1937
1938	1.70	3.48	5.68	2.86	2.37	2.38	2.13	3.34	2.55	1.82	2.13	2.18	2.73	1938
1939	2.15	2.81	3.60	5.41	4.78	2.97	2.27	1.91	2.71	2.48	2.87	2.87	3.04	1939
1940	1.84	1.58	1.21	5.13	3.04	2.94	3.31	3.47	2.55	2.90	4.83	5.26	3.14	1940
1941	5.31	4.15	2.47	4.87	2.51	2.38	2.81	1.84	1.87	3.89	5.04	4.93	3.48	1941
1942	5.03	3.86	8.02	9.02	7.20	6.04	3.07	2.95	2.87	3.14	4.91	4.51	5.08	1942
1943	4.58	5.77	7.38	9.28	11.6	5.05	3.44	3.53	2.84	2.05	2.38	2.21	5.02	1943
1944	2.10	1.61	2.21	3.59	4.01	2.49	1.81	1.84	1.58	1.81	2.84	3.82	2.43	1944
1945	1.58	1.56	5.00	5.57	6.88	5.53	5.31	3.40	3.88	6.04	6.77	5.18	4.87	1945
1946	6.48	5.78	9.75	3.87	2.68	2.09	2.82	2.88	2.08	1.82	1.58	1.50	3.54	1946
1947	1.78	2.84	3.11	14.7	8.78	5.58	2.78	2.50	1.88	2.05	2.12	2.28	4.20	1947
1948	2.08	2.33	5.81	5.43	4.30	3.42	3.18	3.14	2.27	1.84	3.07	2.48	3.29	1948
1949	3.91	4.78	7.52	7.92	4.55	2.47	2.34	2.33	1.84	2.83	2.83	5.35	4.03	1949
1950	5.84	5.27	6.55	10.8	8.08	3.71	3.28	3.04	2.71	3.32	3.79	4.53	4.91	1950
1951	8.03	5.58	7.58	13.5	7.52	---	---	---	---	---	---	---	---	1951
MEAN	3.78	3.78	5.52	7.23	5.08	3.31	2.77	2.53	2.37	2.61	3.19	3.43	3.79	MEAN

LOCATION - LAT 44 20 40 N DRAINAGE AREA, 282 km²
LONG 80 32 20 W REGULATED

BEAVER RIVER NEAR KIMBERLEY - STATION NO. 02FB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1915	---	---	---	---	1915
1916	---	15.5 ON APR 1	0.678 ON SEP 10	147 000	1916
1917	---	17.0 ON APR 2	1.19 ON DEC 23	130 000	1917
1918	---	15.7 ON APR 4	1.30 ON FEB 10	102 000	1918
1919	---	13.3 ON MAR 18	0.908 ON JUL 27	119 000	1919
1920	---	16.1 ON MAR 25	0.585 ON OCT 17 e	105 000	1920
1921	---	25.3 ON MAR 20	0.565 ON NOV 5	140 000	1921
1922	---	17.3 ON APR 11	0.6518 ON MAR 2	108 000	1922
1923	---	15.7 ON MAY 21	0.7858 ON FEB 11	107 000	1923
1924	---	20.8 ON APR 8	1.39 ON JUL 8	114 000	1924
1925	---	15.4 ON MAR 27	1.73 ON OCT 4	113 000	1925
1926	---	27.3 ON MAY 3	1.78 ON JUL 4	150 000	1926
1927	---	16.1 ON MAR 17	1.84 ON OCT 30	141 000	1927
1928	---	34.5 ON APR 5	2.21 ON JUL 8	173 000	1928
1929	---	37.1 ON APR 6 *	1.93 B ON DEC 22	203 000	1929
1930	---	15.4 B ON FEB 23	1.38 ON OCT 12	124 000	1930
1931	---	8.31 ON APR 10	1.22 ON NOV 11	81 700	1931
1932	---	14.3 ON APR 11	1.44 ON AUG 7	148 000	1932
1933	---	12.3 ON APR 7	1.02 ON OCT 8	115 000	1933
1934	---	8.78 ON APR 2	0.908 ON AUG 31	82 100	1934
1935	---	13.8 ON MAR 17	0.738 ON JUN 9	84 800	1935
1936	11.3 AT 20:00 EST ON MAR 27	8.35 ON MAR 27	1.18 ON AUG 2	89 400	1936
1937	24.2B AT 00:10 EST ON FEB 8	7.73 ON APR 8	0.821 ON OCT 11	78 400	1937
1938	19.0 AT 20:30 EST ON MAR 23	14.1 ON MAR 24	1.10 ON OCT 10	88 100	1938
1939	14.9 AT 22:00 EST ON APR 18	11.2 ON APR 19	0.850E ON JUN 25	95 700	1939
1940	15.5 AT 17:00 EST ON APR 8	10.7 ON DEC 30	0.908 ON MAR 17	88 200	1940
1941	17.8 AT 08:00 EST ON OCT 5	9.28 ON APR 14	0.834 ON SEP 28	110 000	1941
1942	26.2 AT 08:00 EST ON MAR 17	21.0 ON MAR 17	1.33 ON AUG 18	180 000	1942
1943	23.3 AT 04:00 EST ON APR 1	19.8 ON APR 1	0.834 ON OCT 11	158 000	1943
1944	11.3 AT 12:00 EST ON APR 10	7.98 ON APR 10	0.678 ON AUG 13	78 700	1944
1945	17.0 AT 18:00 EST ON JUL 15	14.1 ON MAR 18	1.58 B ON FEB 1	147 000	1945
1946	18.8 AT 08:00 EST ON MAR 7	15.8 ON MAR 7	0.765 ON SEP 29	113 000	1946
1947	30.8 AT 18:00 EST ON APR 11	23.8 ON APR 11	0.708 ON SEP 1	132 000	1947
1948	20.4 AT 18:00 EST ON MAR 19	18.8 ON MAR 22	0.808 ON MAR 14	104 000	1948
1949	22.1B AT 12:00 EST ON DEC 22	16.4 ON MAR 26	0.883 ON SEP 4	127 000	1949
1950	31.7 AT 18:00 EST ON APR 4 *	25.3 ON APR 4	1.83 ON OCT 8	185 000	1950
1951	28.2 AT 22:30 EST ON APR 28	23.6 ON APR 28	---	---	1951
				130 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

BEAVERTON RIVER NEAR BEAVERTON - STATION NO. 02EC011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	0.030	0.536	2.29	---	1966
1967	1.77	1.08	3.08	7.08R	1.82	1.98	2.98	1.51	0.641	2.94	4.67	5.39 R	2.83R	1967
1968	1.62	3.49	12.1 R	8.08R	1.87	0.713	0.361	0.408	0.433	0.585	1.52	2.71	2.68R	1968
1969	1.42	2.46	9.05R	10.7 R	5.12 R	0.982	0.366	0.275	0.322	0.586	1.36	1.04	2.80R	1969
1970	0.489	0.511	1.36	12.5 R	2.32	0.876	1.30	1.05	1.44 R	1.88 R	2.41 R	2.09	2.32R	1970
1971	1.04	0.795	2.67	16.4	2.33	0.882	1.11	0.412	0.653	0.749	0.718	1.63	2.48	1971
1972	0.658	0.748	1.04	15.7	3.80	1.52	0.509	0.419	0.418	1.75	3.38	2.62	2.80	1972
1973	4.22	2.78	15.5	8.45	3.35	0.624	0.304	0.405	0.348	0.483	3.61	2.69	3.59	1973
1974	3.20	2.24	8.38	9.57	6.39	0.787	1.61	1.99	1.27	1.84	3.81	1.86	3.57	1974
1975	1.85	4.74	6.08	9.14	2.56	0.404	0.253	0.201	0.242	0.298	0.581	0.808	2.28	1975
1976	0.548	1.11	14.7	8.34	3.02	1.14	1.66	0.938	2.22	2.40	2.05	1.01	3.10	1976
1977	0.843	0.659	12.1	4.01	0.789	0.255	0.269	0.628	1.25	2.32	3.15	3.86	2.52	1977
1978	2.62	1.57	3.19	20.4	3.89	0.662	0.142	0.255	0.875	1.01	1.34	1.05	3.06	1978
1979	0.842	0.684	12.2	7.40	3.00	0.645	0.414	0.438	0.437	1.07	1.93	5.49	2.91	1979
1980	2.35	0.777	8.04	9.25	2.05	0.735	1.80	1.17	1.09	1.98	2.78	3.66	2.98	1980
1981	0.988	11.5	4.73	3.35	1.61	0.541	1.03	0.817	1.72	2.39	3.84	1.98	2.81	1981
1982	0.801	0.722	4.46	13.4	1.81	1.74	0.710	0.638	1.29	1.98	5.86	8.12	3.46	1982
1983	3.04	3.38	5.68	5.27	4.70	0.770	0.213	0.297	0.236	0.802	1.82	1.26	2.27	1983
1984	0.618	8.11	7.36	7.89	3.29	0.497	0.248	0.156	0.344	0.428	1.38	2.34	2.70	1984
MEAN	1.62	2.63	7.32R	9.68R	3.00 R	0.852	0.848	0.687	0.835R	1.32 R	2.48 R	2.74 R	2.84	MEAN

LOCATION - LAT 44 23 49 N
LONG 79 04 16 W

DRAINAGE AREA, 282 km²
NATURAL FLOW

R - REVISED SINCE JAN 1980

BEAVERTON RIVER NEAR BEAVERTON - STATION NO. 02EC011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1966	---	---	---	---	1966
1967	23.1R AT 07:30 EST ON DEC 22	19.4R ON APR 3	0.450 ON SEP 18	92 300R	1967
1968	47.0R AT 04:00 EST ON MAR 27	37.1R ON MAR 27	0.079 ON SEP 1 *	84 200R	1968
1969	45.0B AT 08:35 EST ON MAR 21	41.3B ON MAR 21	0.193 ON AUG 15	88 300R	1969
1970	54.6RB AT 13:30 EST ON APR 8	29.7RB ON APR 9	0.207 ON JUN 15	73 300R	1970
1971	38.8 AT 22:30 EST ON APR 11	36.0B ON APR 10	0.241 ON JUN 20	76 400	1971
1972	52.7 AT 19:58 EST ON APR 17	44.7B ON APR 15	0.323 ON SEP 5	88 500	1972
1973	51.3 AT 00:40 EST ON MAR 8	37.4 ON MAR 8	0.184 ON JUL 24	113 000	1973
1974	---	56.8B ON MAR 5 *	0.328 ON JUN 28	112 000	1974
1975	58.9 AT 09:11 EST ON APR 19	48.1B ON FEB 25	0.113 ON JUL 18	71 200	1975
1976	80.0B AT 05:28 EST ON MAR 21	52.7B ON MAR 21	0.382B ON FEB 9	88 000	1976
1977	63.4 AT 11:45 EST ON MAR 13	52.7 ON MAR 13	0.159 ON JUL 28	79 400	1977
1978	49.6 AT 22:03 EST ON APR 11	40.2 ON APR 13	0.091 ON JUL 15	95 600	1978
1979	48.9 AT 05:30 EST ON MAR 25	40.7 ON MAR 25	0.258 ON JUL 23	91 700	1979
1980	---	33.0B ON MAR 21	0.223 ON JUL 14	94 200	1980
1981	70.5B AT 04:01 EST ON FEB 19 *	52.0B ON FEB 19	0.350 ON JUN 21	88 600	1981
1982	64.9 AT 19:45 EST ON MAR 31	36.1 ON MAR 31	0.361 ON AUG 19	109 000	1982
1983	13.2 AT 16:03 EST ON MAY 8	11.1B ON FEB 4	0.158 ON JUL 28	71 500	1983
1984	---	31.0B ON FEB 15	0.105 ON AUG 8	85 200	1984
				89 600R	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

BEETON CREEK NEAR TOTTENHAM - STATION NO. 02ED100

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	---	0.210	0.174	0.185	0.330	0.340	---	1968
1969	0.446	0.389	1.21	0.889	0.594	0.297	0.307	0.173	0.183	0.214	0.328	0.276	0.448	1969
1970	0.302	0.324	0.818	1.56	0.433	0.132	0.174	0.200	0.232	0.254	0.380	0.543	0.444	1970
1971	0.322	0.278	0.776	1.34	0.238	0.141	0.124	0.151	0.088	0.113	0.173	0.284	0.333	1971
1972	0.240	0.281	0.435	2.57	0.317	0.346	0.201	0.204	0.184	0.322	0.452	0.544	0.804	1972
1973	1.09	0.668	1.71	1.07	0.648	0.264	0.178	0.177	0.173	0.242	0.458	0.418	0.592	1973
1974	1.18	0.880	1.67	1.33	0.907	0.245	0.279	0.187	0.198	---	---	---	---	1974
1975	0.302	0.748	1.25	1.36	0.565	0.200	0.180	0.188	0.220	0.247	0.319	0.300	0.488	1975
1976	0.276	1.14	1.98	0.812	0.803	---	---	0.308	0.341	0.409	0.321	0.287	---	1976
1977	0.228	0.327	1.69	0.712	0.264	0.189	0.190	0.477	0.614	1.11	0.740	0.853	0.827	1977
1978	0.444	0.482	0.955	2.59	0.782	0.272	0.188	0.268	0.309	0.383	0.482	0.454	0.830	1978
1979	0.447	0.330	2.43	1.18	0.714	0.298	0.231	0.287	0.268	0.485	0.872	1.10	0.718	1979
1980	0.808	0.238	1.14	1.54	0.532	0.324	0.598	0.292	0.372	0.535	0.548	0.858	0.817	1980
1981	0.327	1.53	0.732	0.858	0.645	0.374	0.488	0.620	0.634	0.713	0.985	0.542	0.678	1981
1982	0.488	0.282	2.05	1.45	0.478	0.681	0.323	0.271	0.382	0.393	1.03	1.25	0.757	1982
1983	0.807	0.850	0.901	1.08	0.836	0.353	0.218	0.237	0.244	0.282	0.448	0.442	0.548	1983
1984	0.243	1.58	1.17	0.814	0.638	0.344	0.223	0.134	0.260	0.295	0.431	0.483	0.542	1984
MEAN	0.471	0.643	1.32	1.32	0.674	0.287	0.261	0.257	0.279	0.384	0.614	0.544	0.598	MEAN

LOCATION - LAT 44 02 56 N
LONG 79 48 10 W

DRAINAGE AREA, 88.0 km²
REGULATED

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

REMARKS - REGULATION BY SMALL MILLS

BEETON CREEK NEAR TOTTENHAM - STATION NO. 02ED100

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	---	7.19 ON MAR 21	0.014 ON AUG 30 *	14 100	1969
1970	8.91 AT 23:00 EST ON APR 8	8.09 ON APR 8	0.034 ON JUL 8	14 000	1970
1971	7.65E AT 18:30 EST ON APR 2	5.66E ON APR 2	0.071 ON JUL 4	10 500	1971
1972	19.8 E AT 18:48 EST ON APR 13	15.1 E ON APR 13	0.1088 ON JAN 8	15 000	1972
1973	8.89 AT 17:39 EST ON JAN 19	5.55 ON JAN 19	0.096 ON JUN 15	18 700	1973
1974	22.7 AT 02:46 EST ON MAR 5 *	14.0 ON MAR 5	0.089 ON JUL 17	---	1974
1975	16.3 AT 05:41 EST ON APR 19	9.97 ON APR 19	0.138 ON SEP 22	15 400	1975
1976	9.51 AT 23:47 EST ON MAR 20	8.72 ON MAR 20	---	---	1976
1977	13.5 AT 20:25 EST ON MAR 9	8.61 ON MAR 5	0.113 ON JUN 24	19 800	1977
1978	14.7 AT 20:47 EST ON APR 7	10.6 ON APR 7	0.164 ON JUL 11	18 900	1978
1979	---	17.0 ON MAR 5 *	0.133 ON SEP 26	22 600	1979
1980	---	7.08 ON MAR 21	0.048 ON JUL 8	19 500	1980
1981	---	8.10 ON FEB 20	0.250 ON JUN 9	21 400	1981
1982	15.0 AT 08:50 EST ON MAR 31	13.2 ON MAR 31	0.205 ON SEP 11	23 900	1982
1983	7.51 AT 14:32 EST ON FEB 3	5.93 ON FEB 3	0.173 ON AUG 17	17 300	1983
1984	16.9 AT 10:30 EST ON FEB 14	13.8 ON FEB 14	0.027 ON AUG 17	17 100	1984
				17 900	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BELL RIVER ABOVE STURGEON LAKE - STATION NO. 05QA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	2.05	2.01	1.81	1.46	1.44	---	1973
1974	1.33	1.36	1.19	1.44	4.82	7.67	4.73	2.81	2.14	1.71	1.67	1.52	2.70	1974
1975	1.53	1.33	1.22	1.18	1.79	2.07	1.52	1.07	0.888	0.788	0.773	0.758	1.24	1975
1976	0.775	0.746	0.788	1.85	1.87	1.40	1.04	0.834	0.211	0.083	0.098	0.181	0.787	1976
1977	0.223	0.327	0.471	0.720	1.11	1.23	1.45	0.757	1.21	0.954	1.08	1.45	0.918	1977
1978	1.31	1.09	0.834	1.15	2.19	3.56	2.76	2.02	1.40	1.07	0.740	0.788	1.58	1978
MEAN	1.03	0.971	0.921	1.23	2.36	3.19	2.30	1.58	1.31	1.07	0.970	1.02	1.45	MEAN

LOCATION - LAT 48 53 10 N LONG 90 55 50 W
DRAINAGE AREA, 189 km^2
NATURAL FLOW

BELL RIVER ABOVE STURGEON LAKE - STATION NO. 05QA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	---	9.32 ON JUN 8 *	1.07 B ON APR 1	85 300	1974
1975	2.38 AT 07:46 CST ON JUN 14	2.34 ON JUN 14	0.725 ON DEC 12	39 100	1975
1976	2.52 AT 01:42 CST ON APR 19	2.46 ON APR 19	0.031 ON NOV 17 *	24 800	1976
1977	1.83 AT 23:00 CST ON JUL 19	1.72 ON JUL 19	0.184 ON JAN 1	28 000	1977
1978	4.22 AT 18:21 CST ON JUN 8 *	4.11 ON JUN 8	0.897 ON NOV 15	50 000	1978
				45 700	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BENNET CREEK AT SAULT STE. MARIE - STATION NO. 02BF003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	1.83	0.855	0.159	0.069	0.032	0.121	0.289	0.436	0.405	---	1971
1972	0.170	0.123	0.167	1.56	1.07	0.053	0.030	0.128	0.088	0.232	0.312	0.127	0.338	1972
1973	0.525	0.228	1.37	0.811	0.553	0.388	0.215	0.188	0.151	0.380	0.734	0.218	0.489	1973
1974	0.050	0.034	0.153	1.46	0.317	0.488	0.100	0.408	0.327	0.383	0.888	0.135	0.372	1974
1975	0.189	0.115	0.235	1.34	0.939	0.544	0.078	0.029	0.205	0.134	0.408	0.430	0.387	1975
1976	0.073	0.068	0.881	1.82	0.187	0.078	0.022	0.021	0.022	0.050	0.085	0.041	0.280	1976
1977	0.035	0.034	1.07	1.83	0.182	0.101	0.301	0.229	0.449	0.455	0.889	0.237	0.483	1977
1978	0.080	---	---	---	---	---	---	---	---	---	---	---	---	1978
MEAN	0.162	0.100	0.813	1.52	0.556	0.255	0.131	0.148	0.193	0.289	0.502	0.227	0.388	MEAN

LOCATION - LAT 46 31 53 N LONG 84 23 51 W
DRAINAGE AREA, 18.6 km^2
NATURAL FLOW

BENNET CREEK AT SAULT STE. MARIE - STATION NO. 02BF003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	4.42 AT 04:21 EST ON APR 20	3.94 ON APR 20	0.007 ON SEP 4	---	1971
1972	6.98 AT 05:05 EST ON MAY 3	5.78 ON MAY 3	0 ON JUL 1 *	10 800	1972
1973	5.58 AT 03:24 EST ON NOV 22	3.78 ON NOV 22	0 E ON AUG 12	15 400	1973
1974	---	3.78 ON APR 22	0.008 ON JUL 25	11 700	1974
1975	10.8 AT 09:55 EST ON MAY 1 *	7.84 ON MAY 1 *	0.018 ON AUG 20	12 200	1975
1976	---	4.258 ON MAR 28	0.005E ON AUG 26	8 200	1976
1977	6.00 AT 00:18 EST ON APR 18	4.47 ON APR 18	0.017 ON JUN 18	15 200	1977
1978	---	---	---	---	1978
				12 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BERENS RIVER ABOVE BERENS LAKE - STATION NO. 05RC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	15.9	11.3	9.75	54.8	104	54.5	21.2	13.1	23.0	38.5	23.7	13.1	30.3	1980
1981	8.80	6.58	7.46	15.5	58.3	88.7	31.6	12.0	26.6	50.7	48.8	27.0	31.5	1981
1982	17.4	14.7	12.3	23.1	198	155	69.6	64.1	28.9	34.4	31.2	22.8	58.2	1982
1983	15.2	11.2	9.91	17.3	48.3	85.8	118	32.0	15.2	24.4	29.4	19.6	35.7	1983
1984	14.5	12.2	8.81	54.9	139	114	52.2	25.2	18.2	33.9	45.4	26.7	45.3	1984
MEAN	14.4	11.2	9.65	33.1	109	95.4	58.1	29.3	21.8	36.4	35.7	21.8	39.8	MEAN

LOCATION - LAT 51 48 10 N
LONG 93 30 10 W
NATURAL FLOW

BERENS RIVER ABOVE BERENS LAKE - STATION NO. 05RC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	192 AT 18:25 CST ON APR 30	191 ON APR 30	9.558 ON MAR 17	880 000	1980
1981	133 AT 13:14 CST ON JUN 20	133 ON JUN 20	8.198 ON FEB 24 *	994 000	1981
1982	264 AT 15:56 CST ON MAY 21 *	262 ON MAY 21 *	10.2 B ON APR 5	1 770 000	1982
1983	214 AT 01:20 CST ON JUN 29	213 ON JUN 28	9.028 ON APR 7	1 120 000	1983
1984	168 AT 18:29 CST ON JUN 10	167 ON JUN 10	8.518 ON APR 4	1 430 000	1984
				1 250 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BERRY CREEK AT THE OUTLET OF BERRY LAKE - STATION NO. 05PD028

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	1.92	2.27	2.42	5.97	20.6	10.3	3.37	1.41	1.22	1.21	1.54	1.30	4.58	1978
1980	1.35	1.38	1.31	2.57	1.72	0.731	1.21	1.71	1.34	1.47	1.57	1.64	1.50	1980
1981	1.46	1.37	1.48	1.81	1.39	2.80	7.98	2.47	2.08	5.26	3.39	2.98	2.89	1981
1982	3.40	2.91	2.74	5.47	14.0	8.62	10.3	3.87	1.35	5.03	3.38	2.57	5.58	1982
1983	3.38	2.88	3.34	4.91	7.41	7.81	4.62	1.01	0.758	0.994	1.09	1.22	3.30	1983
1984	1.33	1.34	1.11	1.88	1.70	2.85	2.23	0.695	0.542	1.88	1.97	1.88	1.57	1984
MEAN	2.12	2.03	2.08	4.44	7.84	5.49	4.99	1.85	1.21	2.81	2.18	1.93	3.24	MEAN

LOCATION - LAT 49 28 30 N
LONG 93 59 00 W
DRAINAGE AREA, 744 km^2
REGULATED SINCE 1978

BERRY CREEK AT THE OUTLET OF BERRY LAKE - STATION NO. 05PD028

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	27.2 AT 13:41 CST ON MAY 2 *	27.0 ON MAY 2 *	0.759 ON OCT 27	185 000	1978
1980	4.31 AT 20:11 CST ON APR 17	3.89 ON APR 25	0.403 ON JUN 20	47 400	1980
1981	15.8 AT 11:00 CST ON JUL 8	15.0 ON JUL 7	0.470 ON MAY 20	91 000	1981
1982	22.1 AT 10:11 CST ON APR 27	20.0 ON APR 28	0.550A ON JUN 29	176 000	1982
1983	11.4 AT 13:28 CST ON JUN 30	10.4 ON JUL 1	0.550 ON SEP 24	104 000	1983
1984	4.33 AT 21:07 CST ON JUL 13	3.80 ON JUN 27	0.204 ON SEP 2 *	49 800	1984
				102 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG CARP RIVER NEAR SAULT STE. MARIE - STATION NO. 02BF004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	---	0.449R	2.31 R	1.72 R	0.823R	---	1979
1980	0.616	0.283	0.224	3.85	0.300	0.559	0.184	0.198	0.218	0.597	0.748	0.388	0.858	1980
1981	0.189	0.852	1.81	3.19	0.514	0.809	0.190	0.151	0.088	0.628	0.487	0.455	0.788	1981
1982	0.224	0.180	0.249	3.81	1.61	0.184	0.084	0.092	0.939	1.15	1.44	1.51	0.955	1982
1983	0.448	0.260	1.37	2.02	1.24	0.727	0.103	0.083	0.105	0.647	0.796	0.415	0.880	1983
1984	0.249	0.281	0.308	1.33	0.491	0.525	0.346	0.244	1.14	0.820	1.88	1.16	0.721	1984
MEAN	0.349	0.335	0.812	2.80	0.831	0.561	0.177	0.154	0.480R	1.03 R	1.14 R	0.782R	0.758	MEAN

LOCATION - LAT 46 31 02 N
LONG 84 27 52 W
DRAINAGE AREA, 51.5 km²

R - REVISED SINCE JAN 1980

BIG CARP RIVER NEAR SAULT STE. MARIE - STATION NO. 02BF004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	---	---	1979
1980	21.8 AT 02:03 EST ON APR 9 *	17.8 ON APR 9 *	0.067E ON AUG 6	20 800	1980
1981	18.3 AT 15:38 EST ON APR 4	15.2 ON APR 4	0.043 ON SEP 6	24 200	1981
1982	17.0 AT 09:03 EST ON APR 28	15.4 ON APR 28	0.032 ON JUL 29 *	30 100	1982
1983	15.4 AT 22:38 EST ON APR 14	8.27 ON APR 15	0.034 ON SEP 4	21 400	1983
1984	15.8 AT 10:44 EST ON SEP 13	11.8 ON SEP 13	0.080 ON AUG 21	22 800	1984
				23 900	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG CREEK NEAR DELHI - STATION NO. 02GC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	---	---	---	2.20	3.18	3.37	---	1955
1956	2.25	3.63	14.0	8.15	11.3	2.80	1.88	2.27	5.40	2.57	2.15	4.05	5.04	1956
1957	4.80	4.67	8.78	7.88	3.85	1.73	2.28	1.75	2.03	2.14	3.78	8.44	4.20	1957
1958	3.58	2.77	8.23	4.68	1.85	1.98	1.55	1.10	1.48	1.74	1.87	1.90	2.57	1958
1959	3.51	4.48	10.6	7.15	3.78	1.67	0.780	1.51	1.70	2.17	3.47	5.05	3.84	1959
1960	3.13	4.80	8.31	18.4	8.53	3.18	1.74	1.88	1.23	1.48	1.78	1.53	4.13	1960
1961	1.42	3.09	4.14	5.58	4.83	2.82	1.81	1.83	1.28	1.34	2.00	1.74	2.63	1961
1962	2.30	2.11	7.89	3.78	1.91	1.48	0.973	1.41	1.31	1.70	3.47	2.88	2.80	1962
1963	1.84	1.82	7.41	4.91	3.10	1.38	0.900	1.07	1.01	1.00	1.14	1.08	2.19	1963
1964	1.41	1.80	3.83	4.40	3.09	1.48	1.18	2.80	1.78	1.43	1.48	2.58	2.21	1964
1965	3.53	9.58	13.5	12.4	3.12	1.83	1.18	1.17	1.19	1.78	2.38	3.58	4.65	1965
1966	2.71	4.07	6.87	4.54	3.43	2.08	0.951	1.28	1.39	1.32	2.08	8.78	3.12	1966
1967	4.18	3.48	8.57	7.53	4.33	2.22	2.20	1.83	1.52	1.77	2.78	4.11	3.43	1967
1968	3.48	9.19	6.25	3.98	2.43	3.15	2.13	1.83	1.74	1.86	2.30	3.88	3.45	1968
1969	8.73	5.87	4.84	9.13	8.17	3.14	1.83	1.18	1.23	1.43	1.82	1.98	3.88	1969
1970	1.81	2.32	4.43	5.57	2.78	1.50	1.52	0.821	1.28	1.71	3.28	4.73	2.84	1970
1971	3.08	3.48	8.88	5.58	2.11	1.28	0.717	0.735	0.883	0.875	1.00	1.88	2.84	1971
1972	2.80	1.71	9.80	8.83	4.48	2.63	2.98	2.84	1.59	2.08	3.85	4.87	3.88	1972
1973	5.23	4.08	14.2	7.85	4.27	2.72	1.75	1.38	1.18	1.81	4.88	8.13	4.80	1973
1974	7.38	8.80	8.80	8.78	8.59	3.34	2.09	1.85	1.48	1.88	2.80	2.70	4.29	1974
1975	3.70	4.83	8.71	8.80	3.23	2.73	1.18	1.53	3.37	2.63	3.24	4.87	3.81	1975
1976	4.04	10.8	14.7	7.12	7.28	2.88	3.88	2.85	1.63	1.98	2.28	2.17	5.13	1976
1977	1.74	1.81	10.3	8.81	3.04	1.85	1.34	1.42	4.70	8.52	4.85	8.63	4.42	1977
1978	4.75	3.28	10.8	11.8	8.28	2.43	1.10	1.81	1.80	2.11	2.43	3.40	4.28	1978
1979	3.48	2.85	10.5	12.2	8.28	2.81	1.82	2.10	1.77	2.48	4.48	7.14	4.74	1979
1980	8.03	2.43	8.05	10.2	4.88	3.21	2.11	2.07	2.87	3.53	3.00	4.28	4.38	1980
1981	2.45	10.0	8.47	8.08	3.80	2.37	1.03	1.87	8.45	4.77	4.18	3.27	4.10	1981
1982	3.38	2.03	14.0	11.5	3.70	8.08	1.78	1.88	2.08	2.27	8.38	8.80	5.24	1982
1983	5.10	8.20	4.84	8.85	8.78	3.44	2.01	7.58	2.78	2.87	3.88	8.12	5.00	1983
1984	3.84	13.3	8.28	9.33	8.82	7.28	3.45	1.88	2.42	1.77	3.22	4.28	5.31	1984
MEAN	3.61	4.71	8.48	7.88	4.48	2.87	1.72	1.84	2.05	2.14	2.81	4.24	3.87	MEAN

LOCATION - LAT 42 50 15 N
LONG 80 30 38 W
DRAINAGE AREA, 383 km²
REGULATED

BIG CREEK NEAR DELHI - STATION NO. 02GC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	59.4R AT 08:00 EST ON MAR 8	46.2 ON MAR 8	0.170 ON AUG 18	159 000	1956
1957	34.5R AT 15:00 EST ON APR 7	30.0 ON APR 7	0.906 ON AUG 24	133 000	1957
1958	---	8.18 ON MAR 25	0.425 ON AUG 5	81 200	1958
1959	---	22.2 B ON MAR 21	0.263 ON AUG 5	121 000	1959
1960	97.9R AT 08:00 EST ON MAR 31	91.2 ON MAR 31	0.988 ON JUL 13	131 000	1960
1961	---	10.3 ON APR 26	0.708 ON JUL 24	82 800	1961
1962	---	25.1 ON MAR 13	0.515 ON JUL 11	81 900	1962
1963	---	18.0 ON MAR 26	0.389 ON JUL 12	89 100	1963
1964	11.2 AT 18:00 EST ON APR 8	8.41 ON APR 8	0.331 ON AUG 1	89 900	1964
1965	148 AT 02:00 EST ON MAR 7 *	105 ON MAR 8 *	0.308 ON JUL 30	143 000	1965
1966	24.9 AT 23:30 EST ON DEC 10	21.5 ON DEC 11	0.422 ON JUL 20	88 500	1966
1967	26.6 AT 18:30 EST ON APR 4	18.1 ON APR 4	1.02 ON AUG 2	108 000	1967
1968	61.4 AT 13:00 EST ON FEB 3	54.4 ON FEB 3	1.06 E ON JUL 31	109 000	1968
1969	81.7 AT 18:20 EST ON JAN 31	51.3 ON JAN 31	0.798 ON AUG 15	122 000	1969
1970	14.0 AT 20:03 EST ON APR 4	13.0 ON APR 4	0.504 ON AUG 10	83 200	1970
1971	26.4 AT 09:38 EST ON MAR 17	22.7 ON MAR 17	0.150 ON AUG 8	80 200	1971
1972	20.0 AT 15:52 EST ON APR 18	18.3 ON MAR 23	1.32 ON JUN 18	125 000	1972
1973	37.9 AT 03:32 EST ON MAR 18	31.1 ON MAR 18	0.837 ON JUL 19	142 000	1973
1974	43.0 AT 15:20 EST ON JAN 28	30.6 E ON MAR 6	1.13 ON AUG 28	135 000	1974
1975	24.0 AT 07:15 EST ON MAR 21	21.8 ON MAR 21	0.711 ON JUL 27	123 000	1975
1976	62.8 AT 23:36 EST ON MAR 6	49.0 ON MAR 6	1.36 E ON SEP 7	162 000	1976
1977	33.7 AT 18:17 EST ON MAR 14	26.6 ON MAR 14	0.487 ON JUL 31	139 000	1977
1978	43.8 AT 04:04 EST ON MAR 24	40.8 ON MAR 24	0.433 ON JUL 21	134 000	1978
1979	83.0 AT 13:21 EST ON APR 15	80.0 E ON MAR 5	0.986 ON JUL 20	148 000	1979
1980	45.4 AT 00:38 EST ON MAR 23	33.5 ON MAR 22	0.900 ON JUL 21	139 000	1980
1981	32.1 AT 08:09 EST ON FEB 20	31.1 ON FEB 20	0.014 ON JUL 18 *	129 000	1981
1982	48.5 AT 18:42 EST ON APR 1	36.7 ON APR 1	0.181 ON JUL 28	185 000	1982
1983	18.4 AT 12:14 EST ON AUG 11	15.5 ON AUG 3	0.200 ON JUL 18	158 000	1983
1984	47.0 AT 21:04 EST ON FEB 15	43.8 ON FEB 15	0.851 ON AUG 26	168 000	1984
				122 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

BIG CREEK NEAR KELVIN - STATION NO. 02GC011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	0.085	0.120	0.118	---	1983
1984	0.322	0.244	1.74	1.92	1.15	0.272	0.292	0.939	0.424	0.192	0.220	0.894	0.711	1984
1985	1.13	4.01	4.22R	5.12R	1.02	0.184	0.102	0.085	0.079	0.255	0.809	1.48	1.50 R	1985
1986	1.03	1.88	3.21	1.92	1.15	0.488	0.081	0.083	0.103	0.105	0.432	2.85	1.08	1986
1987	1.85	0.843	2.82	3.84	1.48	0.353	0.520	0.150	0.106	0.383	1.06	2.22	1.28	1987
1988	0.721	4.73	3.37	1.48	0.871	0.883	0.441	0.121	0.237	0.315	0.828	1.71	1.28	1988
1989	4.17	2.36	2.53	4.39	2.53	0.892	0.181	0.064	0.062	0.106	0.328	0.431	1.50	1989
1990	0.284	0.718	2.41	2.85	1.02	0.311	0.211	0.181	0.130	0.318	1.21	2.17	0.983	1990
1991	0.908	1.87	5.58	2.73	0.703	0.270	0.081	0.080	0.101	0.113	0.140	0.547	1.07	1991
1992	0.814	0.437	4.84	4.80	1.84	0.710	0.870	1.30	0.198	0.811	2.02	2.45	1.74	1992
1993	3.03	1.74	7.48	3.58	1.57	0.849	0.515	0.242	0.074	0.207	2.88	2.71	2.05	1993
1994	4.48	2.89	4.37	3.26	2.93	1.09	0.500	0.151	0.126	0.182	0.744	1.01	1.81	1994
1995	1.81	2.87	4.68	3.27	1.07	0.789	0.159	0.278	1.67	0.842	1.37	2.31	1.70	1995
1996	1.48	6.88	7.79	2.82	2.87	0.793	1.58	0.842	0.338	0.512	0.724	0.719	2.26	1996
1997	0.260	0.338	5.21	2.65	0.824	0.347	0.202	0.227	1.71	2.84	2.00	4.81	1.87	1997
1998	1.43	0.931	6.48	---	---	---	---	---	---	---	---	---	---	1998
MEAN	1.58	2.13	4.50R	3.20R	1.48	0.572	0.414	0.335	0.388	0.485	0.959	1.77	1.48	MEAN

LOCATION - LAT 42 59 12 N DRAINAGE AREA, 142 km^2
LONG 80 26 42 W REGULATED

R - REVISED SINCE JAN 1980

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

BIG CREEK NEAR KELVIN - STATION NO. 02GC011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	4.13 AT 18:00 EST ON APR 7	3.84 ON APR 8	0.042 ON AUG 1	22 500	1984
1985	84.1 AT 01:00 EST ON FEB 11	36.2 ON FEB 11	0.005 ON JUL 31	47 400R	1985
1986	18.9 AT 08:00 EST ON DEC 11	11.8 ON DEC 11	0 ON JUL 21 *	34 300	1986
1987	28.2 AT 14:00 EST ON APR 3	18.4 ON APR 3	0.088 ON SEP 15	40 500	1987
1988	63.0 AT 19:00 EST ON FEB 2	38.1 ON FEB 2	0.081 ON JUL 30	40 400	1988
1989	82.0 AT 04:30 EST ON JAN 31 *	43.0 ON JAN 31 *	0.015 ON AUG 19	47 300	1989
1990	11.7 AT 00:14 EST ON APR 4	8.48 ON APR 4	0.071 ON AUG 25	31 000	1990
1991	28.0 AT 07:26 EST ON MAR 16	20.4 ON MAR 16	0 ON AUG 9	33 800	1991
1992	21.4 AT 13:35 EST ON MAR 23	17.4 ON MAR 23	0.142 ON SEP 22	54 900	1992
1993	30.3 AT 07:13 EST ON MAR 18	22.0 ON MAR 18	0.068 ON SEP 4	54 500	1993
1994	44.6 AT 23:59 EST ON JAN 27	27.1 ON JAN 28	0.088 ON AUG 28	57 200	1994
1995	21.7 AT 11:37 EST ON MAR 20	17.6 ON MAR 20	0.054 ON AUG 2	53 800	1995
1996	61.3 AT 08:43 EST ON MAR 6	41.1 ON MAR 6	0.173 ON SEP 8	71 800	1996
1997	27.6 AT 21:36 EST ON MAR 13	18.5 ON MAR 13	0.091 ON JUL 28	59 100	1997
1998	38.6 AT 00:09 EST ON MAR 23	34.3 ON MAR 23	---	---	1998
				47 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

BIG CREEK NEAR PORT ROWAN - STATION NO. 02GC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	13.2	8.74	9.08	---	1945
1946	11.8	11.7	17.0	8.32	8.32	7.02	6.30	5.42	4.25	3.93	4.20	6.05	7.82	1946
1947	12.3	7.82	11.8	19.8	12.1	13.0	8.88	5.88	5.21	3.85	3.85	3.88	8.74	1947
1948	---	---	14.8	10.2	10.7	8.98	---	---	---	---	---	---	---	1948
MEAN	12.1	9.88	14.8	12.0	9.71	8.67	6.48	5.84	4.73	6.93	5.63	6.33	8.13	MEAN

LOCATION - LAT 42 36 00 N DRAINAGE AREA, 899 km²
LONG 80 31 00 W NATURAL FLOW

BIG CREEK NEAR PORT ROWAN - STATION NO. 02GC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	28.6 ON MAR 7	3.34 ON OCT 10	237 000	1946
1947	---	38.0 ON APR 7 *	2.94 ON DEC 1 *	276 000	1947
1948	---	---	---	---	1948
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		258 000	MEAN

BIG CREEK NEAR WALSINGHAM - STATION NO. 02GC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	---	---	---	3.28	5.43	8.38	---	1955
1956	4.72	7.49	16.5	8.43	14.0	4.77	4.37	4.88	7.08	4.69	4.48	8.27	7.40	1956
1957	7.07	7.80	8.88	10.2	8.87	4.52	4.88	3.89	4.84	3.89	7.85	11.5	8.84	1957
1958	8.77	4.87	9.29	7.41	3.88	3.84	2.98	2.17	2.88	2.88	3.25	3.34	4.45	1958
1959	5.97	7.36	17.3	12.4	8.87	5.10	2.14	2.29	2.80	4.59	8.67	8.38	8.71	1959
1960	7.28	7.74	8.70	23.8	12.2	8.03	3.83	3.63	3.32	2.88	3.11	2.88	7.09	1960
1961	2.47	4.18	7.45	10.5	8.88	4.84	2.88	3.17	2.80	2.89	3.02	4.18	4.87	1961
1962	3.72	4.08	11.0	8.00	3.42	2.42	1.80	1.87	2.08	2.83	4.04	8.14	4.10	1962
1963	2.70	2.88	12.2	9.43	4.82	2.88	2.03	3.84	2.08	1.88	2.22	2.34	4.10	1963
1964	3.17	2.49	7.18	8.24	8.84	2.87	2.19	8.87	3.55	2.74	2.72	4.71	4.35	1964
1965	8.83	10.4	22.5	15.1	8.25	2.98	2.25	2.48	2.24	3.94	4.85	8.83	7.00	1965
1966	8.08	7.10	11.1	7.47	8.01	3.88	1.87	2.11	2.51	2.78	4.11	11.2	5.82	1966
1967	7.20	8.88	8.88	12.8	7.84	4.07	3.88	2.84	2.80	3.13	4.40	8.84	8.78	1967
1968	4.82	12.4	8.78	7.21	4.81	8.81	3.87	2.85	3.58	3.28	4.87	7.88	8.85	1968
1969	11.7	12.2	7.28	15.1	11.3	8.18	3.25	2.18	2.18	2.84	4.12	4.58	8.84	1969
1970	3.83	4.88	7.59	8.29	4.88	3.27	2.78	1.84	2.48	3.34	8.88	8.11	4.85	1970
1971	4.12	8.83	14.0	8.27	4.24	3.00	1.83	1.83	2.27	2.34	2.87	3.83	4.84	1971
1972	3.78	3.32	15.4	13.8	7.47	4.43	4.75	3.81	2.74	3.80	8.82	7.72	8.40	1972
1973	8.11	8.88	18.8	11.4	8.88	4.87	3.00	2.38	2.22	2.91	8.82	8.18	8.81	1973
1974	11.8	10.2	14.2	11.8	11.0	8.88	3.88	3.01	2.44	3.18	4.23	8.13	7.20	1974
1975	8.81	8.20	12.8	10.3	8.43	8.11	2.80	2.88	8.88	4.84	8.87	8.10	8.47	1975
1976	8.40	17.7	24.3	11.8	11.8	8.87	8.08	4.18	2.83	3.00	3.13	3.72	8.31	1976
1977	3.12	3.81	18.1	10.8	8.38	3.82	2.84	2.81	8.84	8.87	7.18	12.8	7.18	1977
1978	7.80	8.88	18.2	20.4	8.71	4.88	2.34	3.02	3.82	4.80	4.84	8.83	7.48	1978
1979	7.14	8.83	18.1	17.4	8.03	4.48	2.44	2.88	2.78	4.02	7.27	12.0	7.82	1979
1980	8.74	4.27	12.0	13.8	7.98	8.83	8.08	4.08	8.12	8.77	8.81	8.87	7.12	1980
1981	3.84	13.7	8.45	7.87	8.44	4.80	3.18	3.82	7.80	7.88	8.83	8.88	8.80	1981
1982	8.31	3.80	20.7	18.2	8.88	8.70	4.04	3.34	3.88	4.31	8.28	13.8	8.32	1982
1983	8.84	8.83	7.88	8.87	10.4	8.81	3.88	10.2	4.81	4.84	8.08	11.7	7.73	1983
1984	4.48	18.8	12.8	14.7	8.18	8.88	8.18	3.82	8.84	4.48	8.38	8.14	8.28	1984
MEAN	8.88	7.88	13.0	11.8	7.42	4.78	3.32	3.38	3.78	3.83	4.88	7.04	8.40	MEAN

LOCATION - LAT 42 41 08 N DRAINAGE AREA, 881 km²
LONG 80 32 18 W REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

BIG CREEK NEAR WALSINGHAM - STATION NO. 02GC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	---	38.6 ON MAR 11	2.58 ON AUG 3	234 000	1956
1957	---	27.9 ON APR 8	3.00 ON AUG 24	218 000	1957
1958	---	12.6 ON MAR 7	1.70 ON AUG 18	140 000	1958
1959	---	23.4 ON APR 4	1.70 ON AUG 4	212 000	1959
1960	---	88.7 ON APR 1	2.85 B ON DEC 11	224 000	1960
1961	---	19.7 ON APR 28	2.29 B ON FEB 1	144 000	1961
1962	---	28.98 ON MAR 14	1.53 ON JUL 18	130 000	1962
1963	---	27.08 ON MAR 20	1.22 ON JUL 13	129 000	1963
1964	---	21.1 ON MAY 9	1.14 ON AUG 1	138 000	1964
1965	---	173 ON MAR 8 *	1.73 ON JUL 30	221 000	1965
1966	28.9 AT 05:00 EST ON DEC 11	28.6 ON DEC 11	0.887 ON JUL 28	174 000	1966
1967	24.6 AT 18:00 EST ON APR 5	23.2 ON APR 5	2.17 ON AUG 3	182 000	1967
1968	133 B AT 11:30 EST ON FEB 4 *	85.18 ON FEB 4	1.88 ON JUL 31	185 000	1968
1969	81.7 AT 11:14 EST ON FEB 1	81.6 ON JAN 31	1.55 ON AUG 16	216 000	1969
1970	18.0 AT 13:55 EST ON APR 5	17.7 ON APR 5	1.31 ON AUG 11	153 000	1970
1971	31.7 AT 12:14 EST ON FEB 28	29.4 ON FEB 28	0.934 ON AUG 8 *	143 000	1971
1972	38.88 AT 18:03 EST ON MAR 2	28.38 ON MAR 2	2.15 B ON JAN 18	202 000	1972
1973	38.8 AT 13:31 EST ON MAR 17	38.2 ON MAR 17	1.72 ON JUL 20	218 000	1973
1974	67.5 AT 20:18 EST ON JAN 29	40.2 ON JAN 30	2.25 ON AUG 27	227 000	1974
1975	29.4 AT 18:55 EST ON MAR 22	28.3 ON MAR 22	1.53 ON AUG 2	204 000	1975
1976	67.1 AT 18:55 EST ON MAR 7	61.7 ON MAR 7	2.48 ON SEP 9	283 000	1976
1977	39.1 AT 18:36 EST ON MAR 13	38.8 ON MAR 13	1.73 ON JUL 30	227 000	1977
1978	53.8 AT 17:37 EST ON MAR 24	52.4A ON MAR 22	1.51 ON JUL 20	235 000	1978
1979	55.8 AT 11:50 EST ON MAR 5	54.0 ON MAR 5	1.30 ON JUL 25	237 000	1979
1980	40.2 AT 00:16 EST ON MAR 24	37.0 ON MAR 23	2.98 ON AUG 28	225 000	1980
1981	---	33.4 ON FEB 22	1.47 ON JUL 19	208 000	1981
1982	52.9 AT 09:55 EST ON MAR 14	50.2 ON MAR 14	1.92 ON JUL 24	262 000	1982
1983	24.8 AT 03:19 EST ON AUG 13	22.1 ON AUG 12	1.85 E ON JUL 28	244 000	1983
1984	56.8 AT 05:24 EST ON FEB 15	55.8 ON FEB 15	2.88 ON AUG 1	262 000	1984
				202 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG OTTER CREEK ABOVE OTTERVILLE - STATION NO. 02GC017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	0.171	0.870	0.248	0.186	0.191	0.835	---	1964
1965	0.784	2.38	3.20	3.95	0.715	0.201	0.188	0.148	0.198	0.382	0.538	1.24	1.15	1965
1966	0.694	1.27	2.56	1.55	0.893	0.423	0.124	0.188	0.177	0.183	0.528	2.25	0.900	1966
1967	1.13	0.819	1.91	2.83	1.11	0.522	0.512	0.225	0.201	0.329	0.731	1.41	0.882	1967
1968	0.605	4.36	2.35	1.04	0.518	0.851	0.411	0.228	0.315	0.371	0.893	1.11	1.07	1968
1969	3.06	1.28	1.78	3.03	1.72	0.784	0.270	0.184	0.184	0.218	0.459	0.420	1.11	1969
1970	0.327	0.512	1.84	1.77	0.810	0.263	0.321	0.135	0.185	0.280	0.813	1.34	0.882	1970
1971	0.571	1.07	3.10	1.88	0.428	0.280	0.104	0.088	0.141	0.184	0.213	0.422	0.888	1971
1972	0.787	0.208	3.85	3.01	0.842	0.580	0.851	0.709	0.282	0.587	1.23	1.88	1.25	1972
1973	1.77	1.15	5.08	2.83	1.15	0.848	0.523	0.429	0.188	0.382	1.81	1.80	1.54	1973
1974	3.18	1.77	3.18	3.35	1.87	0.843	0.382	0.380	0.311	0.288	0.883	0.784	1.35	1974
1975	1.40	1.85	3.19	2.28	0.881	0.837	0.239	0.388	1.08	0.557	0.838	1.85	1.21	1975
1976	1.10	4.32	4.80	1.88	1.82	0.818	1.28	0.525	0.340	0.391	0.494	0.388	1.48	1976
1977	0.283	0.388	4.81	1.75	0.481	0.318	0.208	0.259	1.78	1.84	1.28	3.44	1.37	1977
1978	0.888	0.778	3.41	3.71	1.18	0.447	0.210	0.201	0.288	0.552	0.800	0.784	1.10	1978
1979	1.23	0.854	3.41	3.50	1.17	0.480	0.178	0.481	0.210	0.528	1.81	2.24	1.33	1979
1980	1.87	0.543	2.80	2.88	1.11	0.823	0.430	0.338	0.342	0.828	0.498	0.908	1.05	1980
1981	0.312	3.48	1.19	1.40	0.788	0.458	0.178	0.575	1.40	1.48	0.887	0.884	1.05	1981
1982	0.788	0.388	5.05	3.17	1.08	1.41	0.482	0.288	0.288	0.303	1.30	2.88	1.43	1982
1983	1.03	1.88	1.41	1.88	1.78	0.857	0.801	2.31	0.514	0.824	1.14	2.18	1.35	1983
1984	0.827	4.48	2.72	2.38	1.28	1.84	0.484	0.315	0.815	0.513	1.01	1.48	1.48	1984
MEAN	1.11	1.87	3.10	2.44	1.07	0.857	0.401	0.428	0.452	0.488	0.888	1.38	1.18	MEAN

LOCATION - LAT 42 57 55 N LONG 80 32 35 W
DRAINAGE AREA, 93.2 km^2
REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

BIG OTTER CREEK ABOVE OTTERVILLE - STATION NO. 02EC017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	---	---	---	1984
1985	30.3 AT 20:00 EST ON FEB 10	24.9 ON MAR 6	0.003 ON JUL 29	38 100	1985
1986	15.5 AT 03:30 EST ON DEC 8	13.3 ON DEC 8	0.020 ON JUL 22	28 400	1986
1987	23.8 AT 13:30 EST ON APR 3	15.0 ON APR 3	0.034 ON AUG 15	30 300	1987
1988	38.6 AT 17:00 EST ON FEB 3	30.0 ON FEB 2 *	0.189 ON AUG 30	33 900	1988
1989	32.3 AT 18:02 EST ON JAN 30	25.1 ON JAN 30	0.088 ON AUG 15	35 100	1989
1970	7.84 AT 12:36 EST ON APR 3	7.02 ON APR 3	0.021 ON AUG 12	21 800	1970
1971	10.0 B AT 08:07 EST ON MAR 15	8.508 ON MAR 15	0 ON JUL 23 *	21 700	1971
1972	18.7 AT 18:48 EST ON MAR 22	11.8 ON MAR 23	0.170 ON AUG 6	38 800	1972
1973	25.5 AT 04:24 EST ON MAR 12	18.0 ON MAR 12	0.150 ON JUL 24	48 500	1973
1974	32.8 AT 17:38 EST ON JAN 27	18.2 ON MAR 5	0.185 ON JUL 26	42 500	1974
1975	11.4 AT 23:18 EST ON FEB 24	10.4 ON MAR 20	0.051 ON JUL 23	38 100	1975
1976	30.6 AT 23:38 EST ON MAR 5	18.4 ON MAR 6	0.281 ON SEP 8	48 700	1976
1977	28.2 AT 15:42 EST ON MAR 13	18.0 ON MAR 13	0 ON JUL 28	43 200	1977
1978	14.0 AT 13:17 EST ON MAR 24	12.7 ON MAR 23	0.027 ON JUL 20	34 800	1978
1979	17.9 AT 11:35 EST ON APR 14	12.2 ON APR 14	0 ON JUL 24	42 000	1979
1980	18.6 AT 21:52 EST ON MAR 21	11.7 ON MAR 18	0.241 ON AUG 29	33 100	1980
1981	15.8 AT 08:25 EST ON AUG 31	12.8 ON FEB 19	0.007 ON JUL 17	33 200	1981
1982	30.7 AT 14:29 EST ON MAR 31	18.5 ON MAR 31	0.175 ON AUG 19	45 100	1982
1983	13.7 AT 11:21 EST ON AUG 1	11.8 ON AUG 1	0.042 ON JUL 27	42 700	1983
1984	44.9 AT 15:30 EST ON FEB 14 *	28.5 ON FEB 14	0.174 ON JUL 31	48 900	1984
				37 200	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG OTTER CREEK AT TILLSONBURG - STATION NO. 02EC010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	0.980	1.15	0.929	---	1980
1981	0.805	3.54	3.85	7.24	4.06	2.26	1.27	1.76	0.889	1.14	1.42	1.81	2.45	1981
1982	1.83	1.59	10.2	2.81	1.82	0.905	0.711	1.08	0.882	1.48	3.01	2.77	2.40	1982
1983	1.20	0.982	11.5	4.14	2.47	0.985	0.640	0.780	0.747	0.787	0.879	0.789	2.17	1983
1984	1.17	0.982	4.77	5.22	3.04	0.986	0.640	3.11	1.04	1.08	1.18	3.08	2.21	1984
1985	3.82	9.97	13.8	13.0	2.38	1.10	0.857	0.787	0.833	1.89	2.29	4.89	4.80	1985
1986	2.85	4.43	7.81	5.18	2.83	1.75	0.800	0.859	0.952	0.943	1.89	8.34	3.31	1986
1987	4.31	2.90	6.86	8.91	3.85	1.82	1.97	1.08	0.851	1.35	2.57	5.23	3.48	1987
1988	2.57	11.2	7.75	3.82	1.88	3.58	1.68	1.07	1.48	1.88	3.81	4.85	3.71	1988
1989	11.1	4.46	5.25	10.3	8.10	3.23	1.38	0.777	0.873	1.10	1.97	2.15	4.06	1989
1970	1.84	2.55	5.57	5.99	2.24	1.13	1.22	0.881	0.827	1.16	3.33	4.83	2.98	1970
1971	2.17	4.88	11.5	5.17	1.88	1.11	0.820	0.873	0.803	1.00	0.838	1.38	2.86	1971
1972	2.16	1.12	14.8	10.1	2.83	2.13	3.86	2.80	1.04	1.87	3.58	5.89	4.30	1972
1973	5.20	3.71	19.2	7.38	3.74	2.43	1.43	1.34	0.809	1.38	4.70	4.78	4.89	1973
1974	9.89	5.20	10.0	7.41	7.27	2.82	2.07	1.51	1.28	1.38	3.24	2.90	4.58	1974
1975	5.73	8.48	11.1	6.91	2.43	2.77	0.932	1.87	3.71	2.14	3.12	5.48	4.35	1975
1976	4.00	15.1	16.2	6.58	6.13	2.53	4.08	2.10	1.48	1.80	1.80	1.80	5.24	1976
1977	1.24	1.73	14.7	8.30	1.80	1.24	0.920	1.17	8.87	6.07	4.48	11.4	4.88	1977
1978	3.27	2.85	13.8	12.8	4.08	1.77	0.910	1.17	1.70	2.17	3.59	3.21	4.18	1978
1979	4.75	3.83	13.9	13.8	4.12	1.85	0.891	1.81	1.41	2.54	8.78	8.44	5.38	1979
1980	5.06	1.82	9.12	10.3	4.15	3.18	1.92	1.48	1.75	3.05	2.13	4.17	4.02	1980
1981	1.23	13.1	4.28	5.88	2.87	1.85	0.741	1.18	4.10	5.78	3.43	2.55	3.84	1981
1982	3.30	1.50	17.0	10.6	3.32	5.02	1.28	1.18	1.27	1.28	5.10	11.0	5.18	1982
1983	3.77	8.83	4.72	7.48	8.48	2.40	2.10	7.20	1.88	1.88	3.71	8.51	4.84	1983
1984	2.21	15.8	8.87	7.95	3.88	5.45	1.74	1.38	2.74	1.80	3.87	5.83	5.03	1984
MEAN	3.85	5.20	10.3	7.72	3.88	2.27	1.44	1.80	1.70	1.88	2.82	4.89	3.91	MEAN

LOCATION - LAT 42 51 40 N DRAINAGE AREA, 342 km^2
LONG 80 43 10 W NATURAL FLOW

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

BIG OTTER CREEK AT TILLSONBURG - STATION NO. 02GC010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	37.9 AT 09:55 EST ON APR 25	32.6 ON APR 25	0.493 ON JUL 23	77 500	1951
1952	76.2 AT 04:00 EST ON MAR 13	53.4 ON MAR 13	0.419 ON JUL 22	75 700	1952
1953	56.4 AT 04:15 EST ON MAR 16	49.6 ON MAR 16	0.256 ON JUL 11	68 500	1953
1954	16.7 AT 15:30 EST ON MAR 25	14.5 ON APR 7	0.288 ON JUL 27	70 000	1954
1955	146 AT 07:00 EST ON MAR 6 *	123 ON MAR 6 *	0.382 ON AUG 1	145 000	1955
1956	43.0 AT 12:30 EST ON DEC 6	41.3 ON DEC 6	0.133 ON JUL 24	104 000	1956
1957	33.4 AT 12:30 EST ON DEC 22	30.9 ON DEC 22	0.487 ON SEP 10	110 000	1957
1958	112 B AT 20:00 EST ON FEB 2	80.1B ON FEB 2	0.289 ON JUL 31	117 000	1958
1959	123 AT 05:00 EST ON JAN 31	101 ON JAN 31	0.416 ON AUG 21	128 000	1959
1970	32.0 AT 00:07 EST ON APR 3	25.2 ON APR 3	0.357 ON AUG 15	81 800	1970
1971	44.7 AT 07:10 EST ON FEB 26	40.5 ON MAR 15	0.082 ON AUG 6 *	83 800	1971
1972	41.9E ON MAR 22	41.9E ON MAR 22	0.750 ON SEP 2	136 000	1972
1973	73.3 AT 07:33 EST ON MAR 12	54.0 ON MAR 12	0.843 ON JUL 19	148 000	1973
1974	73.8 AT 13:05 EST ON JAN 28	56.5 ON JAN 28	1.01 ON AUG 21	145 000	1974
1975	45.9 AT 05:15 EST ON FEB 25	37.7 ON MAR 20	0.384 ON JUL 28	137 000	1975
1976	118 AT 04:27 EST ON MAR 6	95.7 ON MAR 6	1.15 ON SEP 8	185 000	1976
1977	83.1 AT 22:34 EST ON MAR 13	53.6 ON MAR 13	0.122 ON JUL 31	153 000	1977
1978	83.1 AT 02:20 EST ON MAR 24	58.8 ON MAR 23	0.362 ON JUL 18	132 000	1978
1979	110 AT 01:53 EST ON MAR 5	82.6 ON MAR 5	0.337 ON JUL 23	170 000	1979
1980	55.9 AT 23:38 EST ON MAR 21	48.8 ON MAR 22	0.814 ON AUG 28	127 000	1980
1981	45.8 AT 08:34 EST ON FEB 24	41.5 ON FEB 24	0.304 ON JUL 19	121 000	1981
1982	56.7 AT 09:00 EST ON APR 1	49.2 ON APR 1	0.897 ON JUL 25	183 000	1982
1983	31.8 AT 13:50 EST ON APR 15	26.7 ON DEC 13	0.813 ON JUL 30	145 000	1983
1984	142 AT 16:32 EST ON FEB 14	111 ON FEB 14	0.921 ON AUG 1	159 000	1984
				124 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG OTTER CREEK NEAR CALTON - STATION NO. 02GC026

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	5.25	4.58	5.15	13.5	---	1975
1976	8.70	31.4	31.7	14.7	13.5	4.74	6.22	4.49	2.89	3.30	4.11	4.36	11.0	1976
1977	2.92	3.71	27.4	14.4	4.85	3.04	2.48	2.71	13.7	13.0	8.78	28.7	10.4	1977
1978	8.86	8.57	27.8	25.4	7.88	3.77	2.37	2.48	3.23	4.28	5.82	6.46	8.48	1978
1979	8.85	7.20	26.2	29.6	8.78	4.45	2.81	4.89	3.46	5.48	14.2	19.0	11.2	1979
1980	12.0	5.89	20.0	21.8	8.24	7.48	5.59	3.75	5.08	5.07	5.38	9.29	9.49	1980
1981	3.78	25.9	9.15	11.5	5.85	4.89	2.92	4.03	7.51	12.5	7.17	5.85	8.28	1981
1982	7.01	3.67	37.8	22.5	7.13	11.8	3.88	3.25	3.80	3.53	12.0	33.6	11.7	1982
1983	8.88	12.2	10.3	18.8	13.8	8.11	4.67	15.5	4.44	8.00	8.00	16.7	10.2	1983
1984	9.31	28.8	18.9	16.4	9.67	10.7	3.03	3.88	7.04	8.09	8.71	11.2	10.6	1984
MEAN	7.13	13.8	23.2	19.1	8.98	6.30	3.95	4.97	5.72	6.48	7.91	13.8	10.2	MEAN

LOCATION - LAT 42 42 30 N DRAINAGE AREA, 878 km^2
LONG 80 50 20 W REGULATED

REMARKS - REGUALTION BY PUMPING DURING SUMMER MONTHS

BIG OTTER CREEK NEAR CALTON - STATION NO. 02GC026

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	---	109 A ON MAR 6	2.49 ON SEP 7	347 000	1976
1977	80.1 AT 08:02 EST ON SEP 27	78.2 ON MAR 14	1.26 ON AUG 1	327 000	1977
1978	---	108 ON MAR 23	1.63 ON JUL 21	287 000	1978
1979	---	135 B ON MAR 5	1.35 ON JUL 23	354 000	1979
1980	89.7 AT 14:26 EST ON MAR 21 *	88.9 ON MAR 22	1.90 ON AUG 28	300 000	1980
1981	---	75.3E ON FEB 24	1.81 ON JUL 25	261 000	1981
1982	---	129 ON MAR 17	2.59 ON NOV 1	389 000	1982
1983	83.5 AT 23:34 EST ON AUG 11	89.4 ON AUG 12	1.46 ON JUL 28	323 000	1983
1984	---	140 B ON FEB 14 *	1.18 ON JUL 26 *	335 000	1984
				320 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIG OTTER CREEK NEAR VIENNA - STATION NO. 02GC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	25.4	8.88	10.9	5.50	4.94	3.48	2.53	1.85	3.02	4.56	---	1948
1949	11.6	23.4	11.2	5.76	3.88	1.95	2.20	1.70	2.31	1.69	2.35	12.1	5.85	1949
1950	28.9	15.3	28.2	20.3	5.07	2.87	3.14	2.87	2.32	2.86	5.28	16.3	11.0	1950
1951	17.6	26.8	24.2	15.9	5.18	4.09	4.18	1.86	1.81	2.37	7.84	6.85	10.1	1951
1952	19.4	9.33	18.7	14.6	6.26	3.18	3.16	2.84	1.95	2.26	2.78	3.87	7.03	1952
1953	6.20	6.59	11.6	7.19	5.45	3.85	2.51	2.25	2.09	1.60	2.00	1.93	4.43	1953
1954	4.88	15.3	15.3	---	---	---	1.98	2.67	2.36	17.7	5.67	7.88	---	1954
1955	8.21	10.3	22.1	9.80	5.87	2.89	1.58	2.22	1.65	4.23	9.88	9.65	7.28	1955
1956	5.95	11.4	19.5	12.0	19.2	4.09	3.21	4.60	6.26	4.30	4.78	6.90	8.88	1956
1957	8.72	9.40	11.0	14.5	8.15	4.80	8.19	3.98	5.93	4.30	11.7	13.0	8.47	1957
1958	8.51	5.67	9.61	8.07	3.95	4.88	4.02	1.78	1.89	2.68	3.83	3.48	4.87	1958
1959	11.1	9.88	25.3	14.5	4.89	3.37	2.10	2.28	3.15	4.09	4.38	13.0	8.19	1959
1960	10.6	14.6	10.6	23.6	7.79	11.2	2.76	2.45	2.15	2.05	2.81	2.80	7.74	1960
1961	1.88	8.63	5.31	25.3	7.88	7.02	4.33	4.85	4.28	2.78	3.14	4.63	6.89	1961
1962	3.04	4.35	16.0	6.33	2.79	1.44	0.975	3.85	0.815	---	---	---	---	1962
1963	---	---	---	---	---	---	---	1.81	1.78	1.78	2.18	1.83	---	1963
1964	2.86	2.56	9.23	9.70	6.76	2.27	1.83	6.72	2.87	2.48	2.56	5.41	4.81	1964
1965	7.83	15.7	26.9	21.6	4.81	2.89	2.00	2.04	2.40	4.27	4.95	10.1	9.23	1965
1966	6.19	9.53	14.7	10.4	6.64	4.41	1.85	2.02	2.30	2.47	4.14	18.7	6.94	1966
1967	10.4	10.8	15.1	17.2	7.83	4.66	3.66	2.15	2.08	2.78	4.98	10.7	7.70	1967
1968	7.66	21.9	14.8	7.75	4.08	5.65	4.16	3.05	3.84	3.96	7.28	11.4	8.02	1968
1969	25.3	14.5	9.71	22.9	13.4	8.79	4.35	3.03	2.26	2.56	5.60	8.26	9.66	1969
1970	3.54	4.50	10.7	12.1	5.32	2.78	3.03	1.83	2.12	2.86	8.48	10.6	5.66	1970
1971	4.77	10.1	21.7	10.6	4.31	2.88	1.85	1.60	2.04	2.06	2.13	3.33	5.89	1971
1972	4.72	2.40	27.6	17.7	8.84	4.85	7.47	4.28	2.36	3.06	8.44	11.3	8.28	1972
1973	10.6	8.14	36.6	14.2	7.96	4.97	2.85	3.26	2.32	2.86	8.37	11.6	8.40	1973
1974	23.1	13.9	19.6	14.1	14.1	8.11	4.39	3.26	2.88	2.61	5.66	8.32	9.57	1974
1975	11.4	12.5	21.6	13.9	5.41	5.39	2.50	3.66	6.66	4.89	7.22	13.4	9.26	1975
MEAN	10.1	11.7	17.6	13.9	7.13	4.49	3.20	2.63	2.90	3.46	5.19	8.43	7.70	MEAN

LOCATION - LAT 42 41 06 N LONG 80 47 46 W
DRAINAGE AREA, 697 km²
REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

BIG OTTER CREEK NEAR VIENNA - STATION NO. 02GC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1948	---	---	---	---	1948
1949	---	106 ON FEB 16	1.16 ON NOV 10	210 000	1949
1950	---	117 ON APR 5	1.23 ON OCT 6	347 000	1950
1951	---	86.3 ON FEB 22	1.02 ON SEP 10	316 000	1951
1952	---	86.1 ON MAR 11	1.02 ON AUG 7	232 000	1952
1953	---	48.1 ON MAR 4	1.44 ON OCT 6	140 000	1953
1954	---	---	---	---	1954
1955	---	71.6E ON MAR 1	1.10 ON JUL 15	230 000	1955
1956	---	71.4 ON MAR 3	2.27 ON AUG 1	275 000	1956
1957	---	56.6 ON APR 6	2.61 ON AUG 18	267 000	1957
1958	---	18.0 ON APR 10	1.39 ON SEP 3	147 000	1958
1959	---	34.8 ON APR 4	1.61 ON JUL 16	258 000	1959
1960	---	76.7 ON MAR 30	1.44 ON SEP 29	245 000	1960
1961	---	60.7 ON APR 26	1.33 B ON FEB 1	208 000	1961
1962	---	48.1B ON MAR 11	---	---	1962
1963	---	---	---	---	1963
1964	28.2 AT 03:00 EST ON AUG 24	23.8 ON AUG 24	0.708 ON AUG 1 *	148 000	1964
1965	210 AT 05:00 EST ON MAR 7 *	181 B ON MAR 6 *	1.12 ON JUL 30	291 000	1965
1966	58.8 AT 10:30 EST ON DEC 8	57.6 ON DEC 6	1.17 A ON JUL 22	218 000	1966
1967	62.4 AT 03:00 EST ON DEC 22	51.0 ON DEC 22	1.61 ON SEP 11	243 000	1967
1968	151 B AT 23:30 EST ON FEB 3	105 B ON FEB 3	1.61 ON JUL 26	254 000	1968
1969	176 AT 21:00 EST ON JAN 30	145 ON JAN 31	2.06 ON SEP 14	305 000	1969
1970	41.9 AT 15:57 EST ON APR 3	40.2 ON APR 3	1.26 ON AUG 10	178 000	1970
1971	61.4B AT 11:51 EST ON FEB 26	58.5B ON FEB 26	0.867 ON AUG 7	178 000	1971
1972	64.3 AT 02:00 EST ON MAR 23	58.0 ON MAR 23	1.66 ON SEP 3	282 000	1972
1973	75.9 AT 07:30 EST ON MAR 18	73.1 ON MAR 18	1.22 ON JUL 19	298 000	1973
1974	85.4 AT 15:57 EST ON MAR 8	85.1 ON JAN 29	2.32 E ON AUG 21	302 000	1974
1975	80.8 AT 16:30 EST ON FEB 25	58.7 ON FEB 25	1.70 E ON JUL 26	293 000	1975
				243 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BIGHEAD RIVER AT MEAFORD - STATION NO. 02FB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	1.26	1.45	1.83	2.16	3.50	4.12	---	1915
1916	5.15	5.89	8.82	8.28	4.47	4.15	1.81	1.35	0.970	1.80	2.38	4.27	3.88	1916
1917	2.90	2.05	7.80	18.4	8.82	3.90	8.13	1.92	1.48	---	---	---	---	1917
MEAN	4.03	3.87	7.26	12.3	6.05	4.03	3.73	1.55	1.38	1.87	2.90	4.20	3.88	MEAN

LOCATION - LAT 44 35 13 N LONG 80 35 50 W
DRAINAGE AREA, 342 km²
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

BIGHEAD RIVER AT MEAFORD - STATION NO. 02FB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	---	---	---	1916
1917	---	19.6 ON MAR 28	0 ON SEP 17 *	123 000	1917
		30.3 ON JUL 10 *	---	---	
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		123 000	MEAN

BIGHEAD RIVER NEAR MEAFORD - STATION NO. 02FB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	2.51	1.98	1.80	0.585	3.44	3.73	6.18	8.99	---	1957
1958	2.16	2.06	7.12	18.8	5.45	1.71	0.922	0.800	0.817	1.33	5.90	8.02	4.40	1958
1959														1959
1960	5.32	3.86	4.67	17.7	11.8	3.06	1.17	0.834	0.747	0.898	2.11	1.88	4.48	1960
1961	1.87	5.77	11.3	8.84	4.86	3.22	1.34	1.24	1.20	0.865	3.37	7.09	4.28	1961
1962	3.02	3.85	8.47	10.3	2.89	0.833	0.803	0.432	0.523	0.983	2.00	4.16	3.22	1962
1963	1.86	1.28	12.2	7.10	8.09	1.89	0.858	0.844	0.812	0.880	2.38	1.84	3.27	1963
1964	5.55	3.29	7.90	5.80	2.21	0.882	0.854	0.823	0.420	0.893	0.808	2.86	2.89	1964
1965	3.62	7.04	3.21	19.7	5.80	1.45	0.882	0.877	0.827	1.29	2.53	8.26	4.52	1965
1966	4.82	7.78	8.62	4.37	2.18	1.13	0.489	0.807	0.400	0.818	1.32	5.54	3.09	1966
1967	5.25	3.28	7.31	12.7	3.08	3.34	3.48	1.82	1.85	4.01	10.4	9.18	5.45	1967
1968	4.18	10.1	12.8	7.47	3.80	1.79	0.882	2.85	1.82	1.98	5.88	8.43	5.10	1968
1969	8.63	8.86	8.28	18.2	9.01	3.88	1.77	1.08	1.87	3.42	3.01	5.14		1969
1970	2.38	2.73	4.25	18.2	4.22	1.48	1.84	0.822	1.73	2.81	3.43	4.77	4.04	1970
1971	3.78	4.47	12.6	21.4	4.40	2.01	1.21	0.732	0.735	0.625	1.28	3.83	4.74	1971
1972	4.08	3.13	4.02	20.2	5.89	2.76	2.89	1.80	0.902	1.82	3.81	5.83	4.88	1972
1973	8.81	5.32	12.2	7.81	5.33	3.08	1.01	1.08	0.883	0.848	5.41	5.10	4.80	1973
1974	5.48	4.44	6.86	12.5	6.28	2.31	1.18	1.36	1.84	3.37	5.88	4.02	4.74	1974
1975	5.32	4.47	6.27	16.1	4.86	1.84	0.851	0.868	1.05	0.848	1.21	3.81	4.09	1975
1976	1.82	7.84	27.2	7.57	3.82	1.52	3.01	1.83	1.42	2.83	5.88	4.80	5.86	1976
1977	2.82	3.22	23.2	8.30	2.15	1.03	0.756	1.20	2.22	5.82	8.55	8.24	5.70	1977
1978	4.84	2.81	3.36	15.8	5.04	2.07	0.871	0.982	3.02	2.48	2.90	3.09	3.81	1978
1979	5.41	4.85	16.5	14.2	5.41	2.18	0.929	1.01	0.784	1.97	3.88	8.91	5.74	1979
1980	7.85	2.39	5.74	10.6	4.00	3.14	7.01	2.81	2.77	4.87	4.38	7.81	5.59	1980
1981	2.68	14.6	7.83	6.38	5.05	3.21	2.01	1.38	2.24	3.85	4.81	4.92	4.83	1981
1982	3.78	1.58	12.4	19.6	3.84	4.42	1.27	1.08	0.748	1.18	4.18	8.18	5.28	1982
1983	5.10	8.98	8.62	7.76	8.13	2.80	0.708	0.858	0.825	1.38	4.01	4.88	4.10	1983
1984	3.11	15.9	10.7	9.83	4.84	2.37	0.929	0.814	1.38	1.05	5.81	8.06	5.40	1984
MEAN	4.26	5.19	8.81	13.3	4.85	2.22	1.50	1.08	1.24	1.98	4.04	5.82	4.49	MEAN

LOCATION - LAT 44 36 10 N
LONG 80 39 00 W
DRAINAGE AREA, 283 km^2
REGULATED

BIGHEAD RIVER NEAR MEAFORD - STATION NO. 02FB010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---	---	1957
1958	---	17.1 ON APR 1	0.311 ON SEP 15	71 300	1958
1959	---	39.48 ON APR 3	0.398 ON SEP 6	139 000	1959
1960	82.9R AT 17:00 EST ON APR 3	72.2 ON APR 3	0.467 ON OCT 17	142 000	1960
1961	---	36.2 ON MAR 28	0.510 ON AUG 21	135 000	1961
1962	---	49.6 ON MAR 30	0.184 ON AUG 20	101 000	1962
1963	---	67.8 ON MAR 28	0.374 ON SEP 8	103 000	1963
1964	---	28.68 ON MAR 5	0.282 ON SEP 14	82 100	1964
1965	---	51.08 ON APR 12	0.357 ON AUG 23	143 000	1965
1966	---	59.5 ON FEB 11	0.130 ON SEP 18 *	97 500	1966
1967	84.0 AT 07:00 EST ON APR 1	58.1 ON APR 1	0.580 ON SEP 17	172 000	1967
1968	78.48 AT 17:45 EST ON FEB 2	53.18 ON FEB 2	0.430 ON AUG 12	161 000	1968
1969	43.9 AT 08:37 EST ON APR 5	39.6 ON APR 5	0.430 ON SEP 1	162 000	1969
1970	51.0 AT 18:03 EST ON APR 9	48.7 ON APR 9	0.544 ON AUG 16	126 000	1970
1971	85.6 AT 07:16 EST ON APR 13	60.7 ON APR 13	0.320 ON SEP 18	149 000	1971
1972	60.3 AT 23:00 EST ON APR 16	52.1 ON APR 14	0.521 ON SEP 24	148 000	1972
1973	46.98 AT 00:00 EST ON JAN 1	34.98 ON JAN 18	0.462 ON SEP 2	162 000	1973
1974	78.3 AT 09:17 EST ON APR 4	65.7 ON APR 4	0.498 ON SEP 6	150 000	1974
1975	101 A AT 06:00 EST ON APR 19	84.7A ON APR 19	0.354 ON AUG 18	129 000	1975
1976	132 AT 03:49 EST ON MAR 21 *	101 ON MAR 21	0.726 ON OCT 3	185 000	1976
1977	123 AT 13:01 EST ON MAR 13	114 ON MAR 13 *	0.297 ON JUL 24	160 000	1977
1978	46.8 AT 02:36 EST ON APR 2	35.1 ON APR 2	0.467 ON SEP 3	120 000	1978
1979	81.4 AT 12:18 EST ON APR 14	50.7 ON APR 14	0.338 ON OCT 1	181 000	1979
1980	89.1 AT 08:05 EST ON JUL 21	84.9 ON JUL 21	1.01 ON JUL 13	177 000	1980
1981	103 B AT 07:54 EST ON FEB 19	54.08 ON FEB 19	0.854 ON JUL 28	152 000	1981
1982	116 AT 18:14 EST ON MAR 31	92.8 ON MAR 31	0.208 ON AUG 22	168 000	1982
1983	31.3 AT 11:58 EST ON MAY 8	28.0 ON MAY 8	0.221 ON SEP 12	128 000	1983
1984	---	100 B ON FEB 14	0.351 ON AUG 27	171 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		142 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
R - REVISED SINCE JAN 1980

BLACK CREEK NEAR WESTON - STATION NO. 02HC027

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	0.228	0.307	0.273	0.532	0.755	---	1966
1967	0.393	0.339	1.06	1.03	0.486	1.22	0.673	0.401	0.590	0.562	0.585	0.882	0.667	1967
1968	0.459	1.33	1.83	0.530	0.649	0.470	0.343	0.856	0.484	0.398	0.926	0.806	0.733	1968
1969	1.24	0.420	0.765	1.16	0.826	0.408	0.598R	0.493	0.303	0.530	0.751	0.443	0.677R	1969
1970	0.293	0.493	1.93	1.18	0.883	0.404	0.625	0.783	0.585	0.498	0.636	0.620	0.728	1970
1971	0.349	1.11	1.67	0.773	0.381	0.681	0.881	0.913	0.386	0.336	0.285	0.939	0.714	1971
1972	0.836	0.618	1.69	2.36	0.401	0.738	0.606	0.702	0.808	0.489	0.710	1.16	0.883	1972
1973	0.835	0.882	2.34	1.09	0.863	0.884	0.485	0.386	0.541	0.869	1.10	0.899	0.916	1973
1974	1.40	0.777	0.870	1.29	1.85	1.03	0.323	0.299	0.385	0.328	0.633	0.389	0.786	1974
1975	0.740	1.42	1.02	1.25	0.718	0.584	0.321	0.733	0.577	0.382	0.454	0.574	0.722	1975
1976	0.331	1.36	2.14	1.10	1.17	0.756	0.818	0.479	0.593	0.451	0.247	0.268	0.818	1976
1977	0.218	0.642	1.58	0.883	0.273	0.770	1.15	1.00	1.21	1.18	1.40	1.58	0.893	1977
1978	0.895	0.294	1.72	1.54	0.824	0.304	0.319	0.502	1.04	0.578	0.582	0.576	0.746	1978
1979	0.811	0.389	1.93	1.48	0.782	0.843	0.553	0.479	0.484	0.575	0.890	1.58	0.882	1979
1980	0.888	0.258	1.44	1.82	0.826	0.858	1.18	0.361	0.412	0.577	0.336	0.804	0.734	1980
1981	0.294	1.78	0.401	0.832	0.782	0.613	0.850	0.945	1.11	1.47	0.770	0.423	0.798	1981
1982	0.822	0.487	2.25	0.875	0.441	0.977	0.441	0.807	0.985	0.540	1.25	1.38	0.823	1982
1983	0.850	0.712	0.872	1.29	1.17	0.388	0.287	0.788	0.514	0.868	0.853	1.01	0.787	1983
1984	0.350	2.01	1.61	0.928	0.809	0.490	0.542	0.833	0.783	0.274	0.890	0.841	0.848	1984
MEAN	0.813	0.834	1.50	1.18	0.787	0.855	0.605R	0.841	0.622	0.583	0.726	0.811	0.787	MEAN

LOCATION - LAT 43 40 31 N LONG 79 30 21 W
DRAINAGE AREA, 58.0 km²
NATURAL FLOW

R - REVISED SINCE JAN 1980

BLACK CREEK NEAR WESTON - STATION NO. 02HC027

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1966	---	---	---	---	1966
1967	27.5 A AT 21:30 EST ON APR 2	6.26 ON APR 3	0.181 ON SEP 10	21 700	1967
1968	26.8 A AT 19:00 EST ON FEB 1	14.1 ON FEB 2	0.187 ON AUG 4	23 200	1968
1969	39.6 A AT 19:46 EST ON JUL 24	8.69 ON APR 18	0.207B ON DEC 25	21 400R	1969
1970	43.0 A AT 18:28 EST ON AUG 30	15.9 A ON MAR 5	0.173 ON JAN 25	23 000	1970
1971	38.4 A AT 12:15 EST ON JUN 25	8.78 ON JUL 6	0.150 ON SEP 26	22 500	1971
1972	42.5 A AT 08:14 EST ON AUG 2	11.0 ON DEC 13	0.170 ON JUL 30	27 900	1972
1973	33.4 A AT 18:42 EST ON JUN 28	9.54 ON MAR 11	0.144 ON SEP 8	28 800	1973
1974	40.2 A AT 14:36 EST ON AUG 23	14.9 B ON JAN 27	0.183 ON AUG 26	24 800	1974
1975	39.1 A AT 22:50 EST ON APR 18	15.4 ON FEB 24	0.133 ON JUL 26	22 600	1975
1976	64.7 A AT 20:40 EST ON JUN 13	10.6 ON MAR 5	0.1598 ON DEC 13	26 800	1976
1977	88.6 A AT 18:08 EST ON JUL 8	13.3 ON JUL 8	0.048E ON SEP 6 *	31 300	1977
1978	60.1 A AT 20:23 EST ON SEP 18	9.97 ON SEP 18	0.186 ON AUG 13	23 800	1978
1979	80.3 A AT 18:28 EST ON JUL 11	22.2 ON DEC 25 *	0.182 ON SEP 23	27 600	1979
1980	71.0 A AT 09:56 EST ON JUL 15	18.8 ON MAR 21	0.140 ON OCT 13	23 200	1980
1981	52.8 A AT 20:36 EST ON AUG 4	14.7 ON FEB 11	0.208 ON JUL 25	25 200	1981
1982	86.6 A AT 17:28 EST ON SEP 14 *	12.4 ON MAR 13	0.178 ON AUG 15	28 100	1982
1983	83.5 A AT 18:03 EST ON AUG 8	7.43 ON DEC 8	0.124 ON SEP 11	24 200	1983
1984	---	21.6 E ON FEB 14	0.182 ON SEP 30	26 700	1984
				25 200R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

BLACK RAPIDS CREEK TRIBUTARY AT OTTAWA - STATION NO. 02LA008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	0.088	0.083	0.004	0.016	0.038	---	---	1972
1973	---	---	---	---	---	---	---	0.001	0	0.004	0.008	---	---	1973
1974	---	---	---	---	0.027	0.006	0.003	0.003	0.001	0	0	---	---	1974
1975	---	---	---	0.148	0.028	0.009	0.001	0	0	0.001	0.012	0.026	---	1975
1976	0.001	0.001	0.120	0.053	0.028	0.003	0.001	0	0.001	0.010	0.004	0.002	0.018	1976
1977	0.001	0	0.100	0.033	0.004	0.001	0	0	0	0.004	0.001	0.005	0.013	1977
1978	0.021	0.005	0.005	0.188	0.004	0.002	0	0	0	0	0	0	0.017	1978
1979	0	0	0.134	---	---	---	---	---	---	---	---	---	---	1979
MEAN	0.008	0.002	0.090	0.100	0.018	0.004	0.012	0.008	0.001	0.005	0.009	0.008	0.018	MEAN

LOCATION - LAT 45 18 12 N LONG 75 44 24 W
DRAINAGE AREA, 1.63 km²
NATURAL FLOW

BLACK RAPIDS CREEK TRIBUTARY AT OTTAWA - STATION NO. 02LA008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1972	---	---	---	---	1972
1973	---	---	0 ON AUG 30 *	---	1973
1974	---	---	0 ON SEP 20	---	1974
1975	1.98 A AT 11:55 EST ON APR 19 *	0.686 ON APR 19	0 ON AUG 8	---	1975
1976	---	1.13 B ON MAR 26 *	0 ON JUL 31	883	1976
1977	---	0.8918 ON MAR 14	0 ON JAN 27	387	1977
1978	1.77 A AT 18:30 EST ON APR 14	0.923 ON APR 14	0A ON JAN 4	539	1978
1979	---	---	---	---	1979
				508	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLACK RIVER AT BALDWIN - STATION NO. 02EC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	---	---	---	0.885	---	1984
1985	0.519	3.90R	2.88	5.95	1.89	0.395	0.405	0.284	0.495	0.785	1.88	2.01	1.74R	1985
1986	1.57	1.48	4.31	2.05	1.78	0.847	0.188	0.228	0.332	0.578	1.06	1.95	1.35	1986
1987	1.28	1.27	3.32	5.38	1.72	0.54	3.30	1.47	0.898	3.18	4.18	4.55 R	3.01R	1987
1988	1.00	3.05	5.85	3.21	2.17	0.782	0.583	0.878	1.04	0.789	2.50	2.74	2.30	1988
1989	1.42	2.24	5.14	7.38	3.58	1.08	0.683	0.621	0.418	---	---	---	---	1989
1983	---	---	---	---	---	---	---	0.873	0.850	0.853	2.07	1.58	---	1983
1984	0.880	5.31	5.32	4.71	2.54	0.858	0.408	0.380	0.834	0.638	1.22	1.81	2.10	1984
MEAN	1.11	3.04R	5.15	4.78	2.25	1.85	0.924	0.648	0.840	1.13	2.12	2.16 R	2.10	MEAN

LOCATION - LAT 44 15 39 N DRAINAGE AREA, 274 km²
LONG 79 20 40 W REGULATED

R - REVISED SINCE JAN 1980

REMARKS - GAUGE REACTIVATED ON JUL 12 1983 TO REPLACE "BLACK RIVER AT SUTTON" NO. 02EC012. DRAINAGE AREA REVISED IN JUL 1983

BLACK RIVER AT BALDWIN - STATION NO. 02EC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1984	---	---	---	---	1984
1985	46.7 AT 20:40 EST ON FEB 11 *	32.6 ON FEB 11 *	0.122 ON JAN 24	84 700R	1985
1986	8.61B AT 15:30 EST ON MAR 3	8.51 ON JAN 1	0.082 ON JUL 17	42 600	1986
1987	29.4 AT 23:00 EST ON JUN 13	22.1 ON JUN 14	0.082 ON SEP 17 *	84 900R	1987
1988	28.8 AT 00:01 EST ON MAR 21	26.0 ON MAR 21	0.113 ON JUL 25	72 700	1988
1989	26.5 AT 20:29 EST ON MAR 22	23.0 ON MAR 22	---	---	1989
1983	---	---	---	---	1983
1984	28.8 AT 22:57 EST ON FEB 15	25.2 ON FEB 15	0.272 ON AUG 8	68 500	1984
				85 300R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

BLACK RIVER AT SUTTON - STATION NO. 02EC012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	---	---	1.23	0.825	---	1969
1970	0.605	0.787	2.33	8.23	1.78	0.559	0.570	0.401	0.688	0.871	1.41	1.87	1.78	1970
1971	0.867	0.879	3.88	10.1	1.49	0.878	0.802	0.718	0.859	0.507	0.761	1.89	1.93	1971
1972	1.28	0.882	1.32	14.8	2.21	1.97	0.580	0.528	0.515	1.44	2.51	2.85	2.53	1972
1973	3.99	2.58	8.45	8.58	3.02	1.20	0.705	0.739	0.479	0.844	2.85	1.74	2.75	1973
1974	2.43	1.72	5.20	7.45	5.84	0.958	1.70	1.44	0.785	0.858	3.27	2.07	2.89	1974
1975	1.87	4.80	7.12	7.97	2.62	0.820	0.418	0.410	0.490	0.527	0.840	0.828	2.34	1975
1976	0.883	2.47	10.4	4.88	3.87	0.880	1.82	1.08	1.34	1.95	1.80	0.888	2.82	1976
1977	0.708	0.878	8.44	3.00	0.885	0.837	0.858	1.93	1.35	3.89	3.42	3.81	2.44	1977
1978	2.35	1.68	3.51	15.3	2.87	0.788	0.323	0.584	0.821	1.08	1.18	0.895	2.67	1978
1979	0.818	0.817	12.0	5.48	4.73	0.841	0.570	0.808	0.847	1.32	2.31	4.67	2.82	1979
1980	1.54	0.438	5.82	7.81	2.12	1.07	3.14	1.84	1.88	2.33	2.57	3.28	2.79	1980
1981	0.898	10.2	2.49	3.24	3.27	0.854	0.801	1.15	2.28	2.28	3.35	1.59	2.85	1981
1982	1.27	0.882	8.59	12.0	2.09	3.43	1.11	0.977	1.28	1.88	4.83	8.84	3.58	1982
1983	3.14	1.78	4.88	8.81	5.17	1.58	---	---	---	---	---	---	---	1983
MEAN	1.54	2.15	6.02	8.02	3.03	1.18	1.04	0.838	1.01	1.48	2.28	2.39	2.81	MEAN

LOCATION - LAT 44 18 18 N DRAINAGE AREA, 324 km²
LONG 79 21 37 W REGULATED

REMARKS - STATION DISCONTINUED JUL 12 1983. REPLACED BY "02EC008 BLACK RIVER AT BALDWIN"

BLACK RIVER AT SUTTON - STATION NO. 02EC012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1969	---	---	---	---	1969
1970	27.8 AT 05:25 EST ON APR 10	26.4 ON APR 10	0.294 ON AUG 2	55 500	1970
1971	22.8 AT 12:06 EST ON APR 4	22.3 ON APR 4	0.275 ON AUG 20	60 900	1971
1972	66.6 AT 21:14 EST ON APR 14 *	61.4 ON APR 14 *	0.261 ON AUG 3	79 800	1972
1973	28.1 AT 10:08 EST ON MAR 13	24.4 ON MAR 13	0.283 ON JUN 19	88 700	1973
1974	44.7 AT 00:26 EST ON MAR 7	38.2 ON MAR 7	0.224 ON JUL 17 *	91 200	1974
1975	51.0 AT 02:33 EST ON FEB 28	41.8 ON FEB 28	0.286 ON JUL 7	73 800	1975
1976	33.1 AT 20:32 EST ON MAR 21	27.3 ON MAR 22	0.459 ON JUL 25	83 000	1976
1977	34.3 AT 20:38 EST ON MAR 13	30.9 ON MAR 13	0.380 ON JUL 29	77 000	1977
1978	38.6 AT 00:31 EST ON APR 8	34.6 ON APR 8	0.255 ON JUL 11	84 200	1978
1979	27.6 AT 22:04 EST ON MAR 6	22.1 ON MAR 7	0.362 ON AUG 4	92 100	1979
1980	25.3 AT 20:21 EST ON MAR 21	21.0 ON MAR 21	0.3888 ON MAR 8	88 300	1980
1981	44.8 AT 23:42 EST ON FEB 21	43.8 ON FEB 21	0.484 ON JUL 15	83 500	1981
1982	64.8 AT 21:30 EST ON APR 1	43.3 ON APR 1	0.430 ON AUG 19	113 000	1982
1983	11.1 AT 23:32 EST ON MAY 4	10.8 ON MAY 4	---	---	1983
				82 300	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLACK RIVER NEAR ACTINOLITE - STATION NO. 02HL003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	---	1.86 R	0.823R	0.47	5.78	2.01	---	1955
1956	1.98	1.61	3.20	20.7	14.3	7.42	1.53	2.03	1.51	0.954	1.30	2.41	4.80	1956
1957	4.00	2.87	7.80	11.5	4.85	2.04	1.87	1.05	0.971	1.51	1.80	9.20	4.11	1957
1958	4.31	2.48	5.15	11.8	4.07	1.41	1.22	1.58	1.44	0.813	0.751	1.28	3.00	1958
1959	0.848	1.05	2.84	22.1	8.13	1.61	1.28	1.39 R	1.29	1.05	3.83	8.14	4.10R	1959
1960	2.83	2.51	2.37	35.2 R	11.8	5.20	2.45	2.58	0.870	0.124	0.331	0.225	5.48R	1960
1961	0.184	0.248	2.07	8.85	8.20	4.00	0.884	1.34	1.67	1.30	1.28	1.88	2.83	1961
1962	1.00	0.863	3.59	13.8	3.58	1.32	1.17	1.40	1.78	1.83	4.68	3.88	3.21	1962
1963	2.02	1.51	7.26	12.8	7.27	1.80	1.08	1.08	1.47 R	1.04	2.51	2.78	3.52R	1963
1964	2.82	2.05	7.38	12.0	7.13	2.38R	0.977R	0.802R	0.718	0.738	0.780	2.09	3.30R	1964
1965	1.53	4.17	4.22	22.4	8.81	1.33	0.752	0.734	0.826	4.48	7.84	8.03	5.34	1965
1966	8.18	3.88	12.4	8.83	8.28	2.83	0.889	1.14	0.884	0.272	8.08	12.6	4.88	1966
1967	4.80	4.87	8.20	15.0	8.13	3.07	3.88	1.58	2.06	8.72	12.3	8.78	8.17	1967
1968	4.28	5.44	11.8	8.96	3.85	2.74	1.98	1.45	1.35	1.22	2.41	4.19	4.12	1968
1969	4.00	4.83	8.82	17.1	18.5	4.36	1.90	1.05	0.889	0.888	2.28	3.81	5.87	1969
1970	1.58	2.34	3.98	18.4	7.98	2.85	1.67	0.745	2.33	1.25	3.13	4.27	4.02	1970
1971	2.10	1.71	8.04	27.1	7.42	1.77	0.731	0.818	0.745	0.582	0.748	4.31	4.50	1971
1972	3.38	2.87	3.58	25.5	13.7	4.40	4.04	2.88	1.33	2.26	8.25	8.02	8.31	1972
1973	8.42	8.88	25.5	15.3	7.25	1.80	0.778	0.837	0.531	0.321	2.01	3.45	8.18	1973
1974	5.52	5.02	13.8	23.2	14.4	3.58	1.22	1.18	1.31	1.31	3.03	3.28	8.40	1974
1975	3.58	2.82	13.1	22.8	8.78	2.47	0.570	0.701	0.511	0.108	0.324	2.48	4.83	1975
1976	1.60	3.58	18.3	22.4	5.75	1.01	1.02	1.22	1.24	1.21	1.24	1.18	4.88	1976
1977	0.925	1.02	14.8	8.45	2.68	1.12	1.03	0.714	0.612	1.15	3.39	8.85	3.85	1977
1978	8.81	5.71	8.31	27.8	8.87	1.70	0.987	0.819	0.888	0.858	3.18	3.86	5.77	1978
1979	8.21	4.58	22.0	22.9	8.30	3.21	0.819	0.828	0.231	1.57	4.10	7.83	8.96	1979
1980	7.25	3.88	11.8	16.4	7.80	1.58	0.921	0.895	1.91	1.81	4.45	7.24	5.47	1980
1981	1.79	18.7	10.4	7.37	5.13	4.08	1.54	1.57	5.78	8.23	7.58	8.44	8.37	1981
1982	3.85	2.01	5.28	24.0	5.73	3.28	1.31	1.83	1.34	0.839	8.34	13.8	5.80	1982
1983	8.98	7.54	11.4	12.4	15.4	4.38	1.30	1.18	0.398	0.348	1.91	5.02	5.88	1983
1984	3.81	12.8	10.9	25.7	10.5	2.07	1.23	1.52	1.15	0.282	1.81	3.58	8.18	1984
MEAN	3.64	4.13	9.06	17.9 R	8.26	2.77R	1.41 R	1.28 R	1.28 R	1.73	3.44	4.98	4.98	MEAN

LOCATION - LAT 44 32 21 N DRAINAGE AREA, 401 km²
LONG 77 22 15 W REGULATED

R - REVISED SINCE JAN 1980

REMARKS - REGULATION TO MAINTAIN SUMMER FLOW

BLACK RIVER NEAR ACTINOLITE - STATION NO. 02HL003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	---	44.2 ON APR 8	0.598 ON AUG 5	155 000	1956
1957	---	28.9 ON DEC 22	0.453 ON OCT 12	130 000	1957
1958	26.3R ON MAR 31	26.2 ON MAR 31	0.311 ON NOV 3	94 500	1958
1959	46.7R ON APR 7	43.9 ON APR 7	0.357 ON OCT 19	128 000R	1959
1960	49.5R ON APR 18	47.6 ON APR 15	0 ON SEP 22 *	173 000R	1960
1961	---	18.3 ON APR 18	0.028B ON FEB 8	89 100	1961
1962	35.7 AT 20:30 EST ON MAR 31	30.3 ON APR 1	0.588 ON JUL 18	101 000	1962
1963	45.6 AT 17:30 EST ON MAR 31	44.2 ON MAR 31	0.357 ON OCT 31	111 000R	1963
1964	23.2 AT 08:00 EST ON APR 15	22.9 ON APR 15	0.504 ON SEP 27	105 000R	1964
1965	32.3 AT 13:30 EST ON APR 13	54.7 ON APR 13	0.442 ON JUL 29	188 000	1965
1966	38.9 AT 09:00 EST ON DEC 8	37.9 ON DEC 8	0.045 ON OCT 8	153 000	1966
1967	38.8 AT 11:00 EST ON APR 3	38.2 ON APR 3	1.32 ON AUG 17	195 000	1967
1968	32.8 AT 14:05 EST ON MAR 30	30.6 ON MAR 29	0.887 ON JUL 21	130 000	1968
1969	69.9 AT 06:55 EST ON MAY 20	62.6 ON MAY 20	0.331 ON OCT 14	178 000	1969
1970	27.1 AT 18:58 EST ON APR 15	25.6 ON APR 15	0.384 ON OCT 12	127 000	1970
1971	43.6 AT 08:31 EST ON APR 21	43.3 ON APR 21	0.357 ON OCT 22	142 000	1971
1972	51.8 AT 17:50 EST ON APR 18	50.7 ON APR 19	1.12 ON SEP 22	198 000	1972
1973	51.5 AT 20:48 EST ON MAR 18	48.7 ON MAR 18	0.113 ON OCT 8	195 000	1973
1974	48.4 AT 11:20 EST ON APR 5	47.0 ON APR 5	0.804 ON AUG 21	202 000	1974
1975	57.2 AT 11:50 EST ON APR 20	54.9 ON APR 20	0.042 ON OCT 30	153 000	1975
1976	72.2 AT 21:01 EST ON APR 2	71.1 ON APR 2	0.314 ON JUN 24	157 000	1976
1977	44.5 AT 05:20 EST ON MAR 15	43.3 ON MAR 15	0.453 ON SEP 11	115 000	1977
1978	47.3 AT 22:27 EST ON APR 21	45.3 ON APR 22	0.051 ON AUG 20	182 000	1978
1979	54.8 AT 21:47 EST ON MAR 26	51.9 ON MAR 26	0.124 ON OCT 3	219 000	1979
1980	80.2 AT 08:00 EST ON MAR 22 *	76.0B ON MAR 22 *	0.800 ON AUG 11	173 000	1980
1981	72.8 AT 00:43 EST ON FEB 25	68.5 ON FEB 24	0.784 ON JUL 27	201 000	1981
1982	41.4 AT 11:25 EST ON APR 22	40.3 ON APR 22	0.537 ON SEP 22	183 000	1982
1983	27.4 AT 01:28 EST ON MAY 5	26.8 ON MAY 5	0.098A ON OCT 27	185 000	1983
1984	57.8 AT 19:28 EST ON APR 8	54.8 ON APR 7	0.189E ON OCT 14	195 000	1984
				157 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

BLACK RIVER NEAR MARATHON - STATION NO. 02BB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	29.2	11.2	---	1967
1968	8.32	4.70	5.88	116	31.1	48.7	55.4	27.7	21.7	39.8	34.7	15.0	34.1	1968
1969	9.84	7.72	5.88	62.7	74.9	30.8	13.9	5.41	3.37	7.57	9.05	8.84	19.8	1969
1970	4.84	4.11	4.09	24.2	81.0	28.1	13.0	4.75	13.4	30.1	31.8	24.4	22.9	1970
1971	9.83	8.57	8.04	50.9	89.5	35.8	18.5	14.5	9.08	31.9	60.8	24.5	30.7	1971
1972	11.9	8.78	8.29	23.7	108	28.7	21.8	38.0	32.8	31.0	21.4	14.0	28.4	1972
1973	8.28	8.43	17.0	78.4	80.7	31.7	24.9	17.2	16.4	20.8	19.7	12.8	27.7	1973
1974	8.19	5.94	5.80	30.2	108	43.0	21.6	40.4	43.3	85.1	45.0	18.0	36.2	1974
1975	13.4	9.88	7.13	27.3	87.8	40.2	7.17	4.29	5.25	13.4	35.3	21.3	23.8	1975
1976	8.37	8.81	8.80	116	75.4	55.0	27.7	10.3	8.46	8.76	8.12	4.23	27.1	1976
1977	3.89	3.96	12.7	108	47.7	11.5	19.4	19.2	83.1	33.4	28.0	12.7	30.0	1977
1978	7.81	4.98	4.13	12.8	74.3	48.1	31.8	12.3	8.84	11.3	9.59	8.59	19.2	1978
1979	4.03	3.84	4.84	83.0	180	82.4	12.8	8.19	35.0	82.4	61.1	19.7	41.8	1979
1980	7.21	4.18	3.84	51.0	93.8	18.7	12.7	12.4	33.1	32.8	23.0	9.18	24.3	1980
1981	8.08	4.84	8.88	83.4	85.0	43.4	19.8	7.84	8.29	7.92	8.18	8.18	18.7	1981
1982	3.85	3.12	2.85	20.2	128	30.8	82.8	14.8	20.4	78.1	88.8	30.0	37.2	1982
1983	10.8	7.88	8.18	27.2	103	31.4	14.8	8.20	8.37	83.4	29.8	17.3	27.4	1983
1984	7.30	8.01	8.58	83.8	72.3	80.4	38.1	14.1	8.84	13.8	28.7	27.7	30.1	1984
MEAN	7.87	8.88	8.88	88.2	89.4	38.8	33.8	18.0	18.7	31.8	29.8	18.8	28.2	MEAN

LOCATION - LAT 48 41 20 N DRAINAGE AREA, 1 880 km²
LONG 88 12 48 W NATURAL FLOW

BLACK RIVER NEAR MARATHON - STATION NO. 02BB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1967	---	---	---	---	1967
1968	---	228 ON APR 14	4.25 ON FEB 29	1 080 000	1968
1969	182 AT 08:30 EST ON APR 21	174 ON APR 21	3.00 ON SEP 20	827 000	1969
1970	185 AT 11:38 EST ON MAY 2	184 ON MAY 2	3.77 ON AUG 27	723 000	1970
1971	207 AT 18:10 EST ON MAY 28	205 ON MAY 28	5.89 ON FEB 20	971 000	1971
1972	198 AT 01:00 EST ON MAY 3	197 ON MAY 3	4.80E ON APR 11	888 000	1972
1973	189 AT 17:18 EST ON MAY 10	188 ON MAY 10	4.08E ON MAR 3	873 000	1973
1974	182 AT 11:08 EST ON MAY 4	181 ON MAY 4	5.38E ON MAR 31	1 140 000	1974
1975	199 AT 14:04 EST ON MAY 8	198 ON MAY 8	3.54 ON AUG 20	744 000	1975
1976	---	246 E ON APR 20	4.02E ON DEC 30	859 000	1976
1977	337 AT 08:30 EST ON APR 23	336 ON APR 23	3.84E ON FEB 11	948 000	1977
1978	122 AT 11:43 EST ON MAY 18	122 ON MAY 18	4.08E ON MAR 19	607 000	1978
1979	302 AT 18:48 EST ON MAY 12 *	301 ON MAY 12 *	3.45E ON FEB 21	1 310 000	1979
1980	232 AT 17:31 EST ON MAY 2	231 ON MAY 2	3.50E ON MAR 22	769 000	1980
1981	81.2 AT 18:02 EST ON APR 18	80.3 ON APR 18	3.88E ON FEB 18	622 000	1981
1982	237 AT 00:45 EST ON MAY 8	234 ON MAY 8	2.77E ON MAR 27 *	1 170 000	1982
1983	180 AT 21:38 EST ON MAY 4	188 ON MAY 4	4.38 ON SEP 8	884 000	1983
1984	188 AT 23:53 EST ON JUN 13	184 ON JUN 14	4.84 ON SEP 21	952 000	1984
				892 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLACK RIVER NEAR WASHAGO - STATION NO. 02EC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	15.3	5.10	4.20	4.43	13.4	11.4	14.1	---	1915
1916	23.7	40.6	26.5	110	52.1	20.8	7.02	2.59	1.28	7.98	20.3	43.8	29.8	1916
1917	13.8	7.00	27.2 R	93.8R	38.0 R	16.2 R	13.8 R	7.17	2.72	8.22	12.8	6.33	21.0R	1917
1918	4.84	3.78	31.8	80.8	28.4	17.3	6.38	3.27	7.08	18.6	28.7	39.8	22.2	1918
1919	45.1	13.6	58.9	88.6	41.0	23.1	8.88	2.59	1.83	5.44	28.8	31.3	27.1	1919
1920	8.97	4.87	48.6	83.3	28.2	15.7	4.45	1.27	1.34	3.88	14.2	41.7	18.8	1920
1921	18.2	7.00	78.5	83.8	24.8	17.2	4.13	1.92	0.933	2.46	8.08	14.1	20.0	1921
1922	10.1	8.83	34.3	110	32.1	11.7	4.83	5.25	12.2	7.92	8.48	11.3	21.3	1922
1923	7.83	4.46	8.75	82.3	84.1	32.7	8.91	4.61	5.28	4.28	8.51	31.8	24.1	1923
1924	21.2	16.8	28.9	72.7	58.8	23.8	7.30	6.88	4.38	4.11	8.04	7.18	20.8	1924
1925	4.11	8.84	52.7	84.7	18.0	12.3	8.34	5.73	4.81	8.77	28.5	22.1	20.8	1925
1926	12.5	7.22	8.80	71.2	73.2	24.2	20.8	11.8	12.4	21.0	58.8	39.8	30.2	1926
1927	12.5	8.43	63.0 R	37.8	33.8	38.4	18.7	8.78	4.81	8.73	18.8	33.3	22.4R	1927
1928	23.2	15.2	26.3	127	34.8	18.8	18.8	9.84	5.42	35.8	38.4	30.8	31.5	1928
1929	26.1	18.0	72.8	101	70.8	23.8	8.84	3.81	1.32	1.38	2.88	3.03	27.4	1929
1930	20.7	19.8	32.8	70.8	39.8	30.5	13.5	5.08	2.82	2.23	7.00	3.88	20.8	1930
1931	2.75	2.89	8.48	58.8	26.8	8.11	8.31	2.00	2.46	3.28	18.3	25.9	13.5	1931
1932	41.1	35.4	25.9	88.2	27.4	8.38	4.78	3.08	10.5	29.2	55.3	39.9	28.0	1932
1933	28.1	13.5	10.4	87.8	40.2	14.8	4.74	4.73	2.18	1.48	2.48	16.8	18.7	1933
1934	18.8	11.8	18.7	78.7	31.0	12.1	4.77	1.98	4.87	3.38	18.1	21.0	18.8	1934
1935	15.1	11.4	54.1	40.1	18.5	19.0	10.8	4.00	2.23	2.48	19.2	18.8	17.8	1935
1936	8.21	4.81	33.5 R	84.7	47.8	18.0	6.01	3.11	3.44	3.18	8.87	11.7	18.1R	1936
1937	46.8	30.3	18.0	84.7	38.1	11.0	3.88	2.87	5.12	7.88	23.7	13.8	21.2	1937
1938	7.22	18.1	88.2	88.8	21.4	8.43	3.77	2.38	8.88	9.84	11.8	11.8	18.4	1938
1939	14.3	7.88	10.7	88.8	88.3	11.8	4.88	4.81	2.30	4.18	10.8	8.88	18.4	1939
1940	3.88	2.82	2.48	82.8	48.0	21.2	8.75	3.88	18.8	14.1	23.2	24.1	18.8	1940
1941	28.1	12.8	10.8	74.8	21.3	4.20	2.88	2.27	8.08	31.7	48.8	30.3	22.8	1941
1942	18.7	7.70	51.0	81.8	38.3	20.0	4.78	4.28	3.28	7.38	33.8	21.2	22.8	1942
1943	18.1	18.8	42.0	107	84.3	18.3	4.82	4.88	8.32	3.88	18.7	10.8	28.3	1943
1944	8.77	8.48	8.83	80.8	38.3	13.8	8.52	3.88	3.11	3.18	4.81	8.84	13.8	1944
1945	8.48	7.42	74.0	48.0	32.2	30.8	8.88	4.27	2.84	13.0	21.3	12.8	22.0	1945
1946	22.8	14.8	71.4	28.8	21.1	8.31	2.88	2.08	3.00	1.88	4.87	18.1	18.8	1946
1947	18.7	20.7	22.8	128	88.1	35.2	11.1	8.48	2.43	2.23	2.88	8.18	28.2	1947
1948	7.80	8.88	88.0	71.8	28.8	8.88	3.87	2.78	2.08	3.21	18.8	18.8	20.0	1948
1949	28.1	21.4	38.2 R	82.4	22.2	8.18	2.88	1.23	1.88	2.88	4.80	38.8	20.3R	1949
1950	83.8	24.8	20.3	72.7	23.7	8.88	2.82	4.84	1.88	1.84	11.7	28.7	21.8	1950
1951	30.4	18.3	81.1	118	36.0	8.83	7.01	3.31	4.88	12.3	37.1	32.0	29.7	1951
1952	28.0	18.0	18.0	108	28.8	13.8	4.88	3.01	3.18	3.08	18.0	27.8	22.4	1952
1953	18.8	12.7	88.0	81.2	27.2	12.7	8.88	3.42	1.82	1.81	8.08	17.8	18.1	1953
1954	12.8	23.1	83.2	77.1	28.8	8.87	3.20	2.31	18.8	88.8	23.8	12.8	27.8	1954
1955	12.8	8.88	28.8	83.8	22.3	8.78	2.82	1.87	4.23	14.1	33.7	12.8	20.0	1955
1956	7.18	8.24	7.73	84.3	88.8	21.7	18.3	8.88	7.48	7.41	8.48	18.8	18.8	1956
1957	13.8	12.8	28.8	47.1	18.4	13.2	44.8	8.38	7.08	18.7	37.3	41.8	23.7	1957
1958	28.8	11.3	18.4	32.2	10.0	8.30	8.38	3.38	4.88	13.8	14.8	14.8	13.1	1958
1959	12.0	10.4	20.4	108	80.8	18.8	8.18	3.28	3.18	4.34	21.4	33.8	24.1	1959
1960	18.7	18.1	18.8	130 R	72.8	23.7	18.3	4.78	8.08	1.88	4.88	4.23	28.2R	1960
1961	3.48	3.18	28.8	82.8	38.0	18.8	8.88	3.84	4.04	1.71	8.88	28.4	18.8	1961
1962	11.4	7.31	27.8	83.1	23.2	8.18	2.40	1.38	1.34	4.88	17.2	12.4	14.8	1962
1963	7.44	8.18	18.7	80.3	38.8	10.1	2.88	2.28	2.88	2.87	10.3	12.8	14.3	1963
1964	11.8	18.8	30.0	43.8	28.8	7.80	2.34	1.18	0.837	0.788	1.18	12.1	13.1	1964
1965	18.8	17.1	18.8	81.8	43.1	8.88	1.80	1.03	2.88	24.0	31.8	80.8	24.7	1965
1966	30.0	18.3	38.8	42.8	22.8	28.8	8.03	1.87	1.18	1.78	27.8	87.2	23.1	1966
1967	24.2	18.7	14.8	77.7	28.8	37.4	38.0	8.88	8.10	28.8	83.8	49.4	32.8	1967
1968	28.2	33.8	20.8	88.0	12.4	8.88	2.33	1.33	1.32	1.82	4.84	18.2	18.2	1968
1969	11.4	14.1	27.7	77.0	83.4	22.8	18.0	2.32	1.18	2.01	28.1	18.2	22.3	1969
1970	8.03	8.88	12.1	78.8	42.2	10.7	13.2	7.23	8.24	13.8	30.1	32.0	21.7	1970
1971	18.8	12.8	21.8	102	38.4	7.80	4.13	1.83	1.38	1.44	8.18	22.8	18.8	1971
1972	20.4	14.0	14.1	84.3	80.0	13.7	8.13	8.03	4.38	14.8	33.2	22.1	24.3	1972
1973	31.4	31.2	87.0	81.7	32.8	13.8	8.72	8.43	2.00	4.21	28.8	30.4	27.8	1973
1974	20.7	20.0	30.8	88.7	88.1	12.8	4.30	3.08	8.14	21.8	42.7	28.7	27.8	1974
1975	22.3	18.7	34.0	78.0	38.4	8.70	3.10	1.27	2.12	2.47	8.38	27.4	18.8	1975
1976	12.4	13.4	80.0	88.8	18.3	4.28	3.44	2.41	2.82	4.81	11.2	10.8	18.3	1976
1977	8.27	4.42	88.8	83.3	8.80	1.82	1.88	1.72	1.82	10.1	27.8	31.8	17.2	1977
1978	22.3	13.3	13.8	78.0	38.8	8.38	2.28	1.81	1.88	8.28	12.1	18.8	17.8	1978
1979	20.8	15.8	84.3	78.7	31.1	8.47	2.88	2.70	2.28	11.8	38.3	80.3	28.8	1979
1980	28.8	12.8	33.8	88.8	18.4	14.8	14.3	14.8	7.88	28.8	34.3	30.4	27.1	1980
1981	15.0	48.1	48.8	43.8	24.2	10.7	8.10	3.08	8.30	11.8	17.7	18.3	20.8	1981
1982	13.4	13.8	18.8	107	28.7	18.8	8.44	2.87	4.41	11.4	42.1	71.7	28.0	1982
1983	42.0	20.8	27.7	44.8	84.0	18.2	2.88	1.17	1.01	3.88	17.8	38.2	22.8	1983
1984	13.1	42.2	38.8	87.7	28.3	13.2	7.83	3.00	3.08	4.77	28.8	38.8	22.8	1984
MEAN	18.2	14.7	33.8 R	74.8R	38.8 R	18.1 R	7.82R	3.87	4.18	8.38	20.3	24.1	21.8	MEAN

LOCATION - LAT 44 42 48 N LONG 79 18 54 W DRAINAGE AREA, 1 520 km² NATURAL FLOW

R - REVISED SINCE JAN 1980

BLACK RIVER NEAR WASHAGO - STATION NO. 02EC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	140 ON APR 2	1.18 ON SEP 22	936 000	1916
1917	---	144 R ON APR 5	1.00 ON SEP 27	861 000R	1917
1918	---	148 ON APR 3	2.48 ON FEB 8	700 000	1918
1919	---	127 ON MAR 28	0.963 ON OCT 1	858 000	1919
1920	---	138 ON MAR 28	0.510 ON SEP 2 *	821 000	1920
1921	---	141 ON MAR 25	0.736 ON SEP 14	831 000	1921
1922	---	187 ON APR 17	1.47 ON AUG 24	872 000	1922
1923	---	151 ON MAY 22	3.17 ON OCT 14	782 000	1923
1924	---	101 ON APR 7	2.69 ON SEP 29	855 000	1924
1925	---	129 ON MAR 28	3.03 B ON JAN 25	857 000	1925
1926	---	130 ON APR 25	7.32 B ON FEB 1	951 000	1926
1927	---	122 RB ON MAR 18	3.82 ON SEP 27	708 000R	1927
1928	---	229 ON APR 10 *	3.85 ON SEP 9	998 000	1928
1929	---	152 ON APR 10	0.736 ON OCT 3	885 000	1929
1930	---	105 ON APR 15	1.33 ON OCT 16	850 000	1930
1931	---	76.7 ON APR 12	0.878 ON AUG 31	424 000	1931
1932	---	107 ON APR 13	2.48 ON AUG 27	918 000	1932
1933	---	87.8E ON APR 1	1.19 ON OCT 8	581 000	1933
1934	---	110 ON APR 13	1.33 ON AUG 31	583 000	1934
1935	---	109 ON MAR 25	1.70 ON SEP 30	582 000	1935
1936	---	136 RB ON MAR 31	1.70 ON AUG 14	803 000R	1936
1937	---	78.4 ON APR 24	1.93 ON SEP 2	887 000	1937
1938	---	186 ON MAR 27	1.42 ON SEP 18	811 000	1938
1939	---	131 ON APR 25	1.33 ON OCT 4	878 000	1939
1940	---	102 ON APR 20	2.46 B ON MAR 1	596 000	1940
1941	---	100 ON APR 18	1.47 ON AUG 11	713 000	1941
1942	---	89.4 ON MAR 19	1.27 ON SEP 5	722 000	1942
1943	---	154 ON APR 3	2.38 ON OCT 12	891 000	1943
1944	---	88.3 ON APR 26	1.81 ON SEP 21	438 000	1944
1945	---	153 ON MAR 21	2.38 ON SEP 16	883 000	1945
1946	---	112 ON MAR 17	1.13 ON AUG 14	524 000	1946
1947	---	184 ON APR 13	1.42 ON OCT 13	827 000	1947
1948	---	170 ON MAR 26	1.27 ON OCT 5	832 000	1948
1949	---	138 RB ON MAR 31	0.906 ON AUG 27	838 000R	1949
1950	---	118 ON APR 5	1.13 ON OCT 9	886 000	1950
1951	---	144 ON APR 1	2.48 ON AUG 12	837 000	1951
1952	---	144 ON APR 16	2.15 ON SEP 12	710 000	1952
1953	---	121 ON MAR 29	1.42 ON SEP 15	572 000	1953
1954	---	148 ON OCT 17	1.70 ON AUG 23	871 000	1954
1955	---	121 ON APR 21	1.27 ON AUG 5	829 000	1955
1956	---	108 ON APR 7	4.36 B ON FEB 24	897 000	1956
1957	---	123 ON JUL 3	3.40 ON SEP 2	748 000	1957
1958	---	48.8B ON JAN 1	2.72 ON AUG 19	414 000	1958
1959	---	133 ON APR 13	2.83 ON SEP 14	759 000	1959
1960	---	183 R ON APR 7	0.821 ON OCT 18	628 000R	1960
1961	---	74.6 ON APR 19	1.22 ON OCT 23	498 000	1961
1962	---	107 ON MAR 31	0.917 ON SEP 4	488 000	1962
1963	---	121 B ON APR 2	1.38 ON AUG 30	451 000	1963
1964	---	80.0 ON APR 16	0.623 ON OCT 21	414 000	1964
1965	---	140 ON APR 18	0.736E ON AUG 1	777 000	1965
1966	---	128 ON DEC 8	1.03 ON SEP 21	728 000	1966
1967	---	117 ON APR 4	2.57 ON SEP 20	1 040 000	1967
1968	---	118 ON APR 2	0.883 ON AUG 17	512 000	1968
1969	---	113 ON APR 12	0.788 ON OCT 9	704 000	1969
1970	---	123 ON APR 23	2.57 ON AUG 31	884 000	1970
1971	---	158 ON APR 20	0.981 ON OCT 7	818 000	1971
1972	---	173 ON APR 20	2.32 ON SEP 25	768 000	1972
1973	---	153 ON MAR 14	1.38 ON SEP 18	870 000	1973
1974	---	140 ON APR 18	1.62 ON AUG 18	889 000	1974
1975	180 AT 04:53 EST ON APR 21	148 ON APR 21	0.906 ON AUG 24	625 000	1975
1976	200 AT 08:05 EST ON APR 3 *	189 ON APR 3	1.58 ON AUG 9	810 000	1976
1977	---	130 B ON MAR 15	1.02 ON JUL 31	543 000	1977
1978	108 AT 10:30 EST ON APR 22	108 ON APR 22	1.25 ON AUG 15	583 000	1978
1979	148 AT 17:57 EST ON MAR 28	147 ON MAR 28	1.47 ON OCT 1	850 000	1979
1980	138 AT 02:04 EST ON APR 17	138 ON APR 18	4.68 ON JUN 19	858 000	1980
1981	188 B AT 12:00 EST ON FEB 26	187 B ON FEB 26	2.12 ON AUG 28	648 000	1981
1982	190 AT 23:49 EST ON APR 21	189 ON APR 22	1.98 ON AUG 19	882 000	1982
1983	83.4 AT 08:05 EST ON MAY 10	83.1 ON MAY 10	0.653 ON SEP 12	710 000	1983
1984	104 AT 12:14 EST ON DEC 30	103 ON DEC 31	1.68 ON AUG 28	712 000	1984
				891 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

BLACK STURGEON RIVER AT HIGHWAY NO. 17 - STATION NO. 02AC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	40.0	106	66.2	19.3	14.8	12.6	29.8	61.8	30.7	---	1971
1972	13.2	7.45	8.84	18.8	76.7	41.2	23.8	21.0	13.2	14.3	12.5	7.89	21.5	1972
1973	8.20	5.75	5.12	22.4	47.2	36.7	30.6	22.1	35.8	31.8	30.6	22.7	24.9	1973
1974	13.1	11.6	10.8	33.8	104	90.9	56.0	26.3	26.7	30.2	28.3	19.8	37.9	1974
1975	17.8	11.7	8.80	17.2	46.5	57.2	33.2	15.4	11.4	12.2	15.0	13.1	21.8	1975
1976	10.5	8.69	8.83	56.9	74.5	45.1	37.7	22.4	13.9	8.28	8.30	4.05	25.0	1976
1977	2.88	2.44	9.85	39.7	85.2	34.9	38.5	19.0	66.3	62.4	44.4	23.7	33.3	1977
1978	13.3	8.78	8.44	15.3	40.3	55.0	24.5	14.8	11.5	8.81	8.83	3.85	17.4	1978
1979	3.89	3.31	4.82	25.5	83.1	42.4	17.5	9.13	7.36	8.72	17.2	13.0	18.7	1979
1980	7.78	6.20	8.44	20.7	80.4	23.6	10.9	10.0	28.2	40.5	33.0	14.8	21.9	1980
1981	7.80	6.42	7.28	33.6	91.2	53.7	31.6	8.38	8.43	7.39	7.17	5.11	18.9	1981
1982	4.17	3.74	3.58	13.5	74.0	32.5	21.8	14.7	11.2	35.4	28.0	31.2	23.9	1982
1983	14.8	8.61	10.2	15.7	80.4	43.1	21.9	8.99	8.34	18.1	24.1	18.7	20.8	1983
1984	10.5	8.31	7.05	26.9	74.0	57.2	44.6	24.2	12.8	12.1	14.6	28.4	27.0	1984
MEAN	9.68	7.31	7.45	27.4	68.3	50.0	29.4	16.7	16.8	22.8	24.3	16.7	24.2	MEAN

LOCATION - LAT 48 54 13 N DRAINAGE AREA, 2 980 km²
LONG 88 22 36 W REGULATED

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1971	237 AT 08:10 EST ON MAY 26 *	230 ON MAY 26 *	---	---	1971
1972	93.4 AT 02:23 EST ON MAY 2	92.6 ON MAY 2	8.67B ON APR 8	681 000	1972
1973	85.1 AT 09:00 EST ON MAY 8	84.6 ON MAY 8	5.66B ON FEB 20	788 000	1973
1974	131 AT 07:12 EST ON MAY 13	128 ON MAY 13	10.4 B ON APR 3	1 180 000	1974
1975	91.2 AT 14:09 EST ON JUN 17	90.0 ON JUN 17	7.65B ON APR 8	887 000	1975
1976	143 AT 15:37 EST ON APR 17	138 ON APR 17	3.31B ON DEC 31	781 000	1976
1977	---	101 E ON SEP 11	2.39B ON FEB 25 *	1 050 000	1977
1978	---	78.9E ON JUN 3	3.77B ON DEC 12	549 000	1978
1979	128 AT 21:41 EST ON MAY 11	124 ON MAY 12	3.17B ON MAR 1	822 000	1979
1980	82.1 AT 10:31 EST ON MAY 3	81.7 ON MAY 3	5.70B ON MAR 27	893 000	1980
1981	84.1 AT 20:47 EST ON JUN 15	82.6 ON JUN 15	4.84B ON DEC 31	595 000	1981
1982	93.5 AT 04:25 EST ON MAY 15	93.1 ON MAY 15	3.50B ON APR 1	783 000	1982
1983	87.8 AT 04:22 EST ON MAY 15	87.5 ON MAY 15	4.75 ON SEP 28	857 000	1983
1984	83.3 AT 08:46 EST ON MAY 10	82.4 ON MAY 10	5.74B ON MAR 25	853 000	1984
				782 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

BLACKWATER RIVER AT BEARDMORE - STATION NO. 02AD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	12.5	2.45	1.57	3.08	15.4	12.8	4.81	---	1971
1972	2.41	1.88	1.23	4.59	31.4	8.87	5.29	5.81	5.26	11.9	7.08	2.88	7.24	1972
1973	1.70	1.10	1.80	17.9	19.7	7.48	7.98	2.87	2.77	5.41	8.85	5.28	8.73	1973
1974	1.80	1.24	1.04	3.85	43.9	15.9	10.7	4.01	3.84	10.8	7.95	3.75	9.09	1974
1975	2.37	1.48	1.18	4.18	22.5	22.4	3.88	1.35	0.880	1.84	5.11	2.95	5.87	1975
1976	1.35	0.903	0.848	22.7	19.5	15.7	6.22	2.81	1.52	2.00	2.20	1.41	6.42	1976
1977	1.08	0.951	1.48	25.4	21.5	11.2	18.6	3.23	12.1	8.85	8.88	4.12	9.62	1977
1978	1.80	1.13	0.847	1.85	20.0	23.4	3.88	3.48	2.81	2.37	2.73	1.84	5.48	1978
1979	0.785	0.837	0.920	9.76	32.0	9.58	3.38	1.85	2.98	4.88	8.80	3.55	5.71	1979
1980	2.05	1.31	0.877	11.8	37.7	8.08	1.25	0.755	4.50	7.95	7.73	2.98	8.08	1980
1981	1.58	1.22	1.82	14.7	18.4	10.0	5.41	1.10	0.838	0.891	2.37	1.59	4.80	1981
1982	0.851	0.674	0.832	8.14	37.1	7.12	4.03	1.83	4.13	12.1	8.22	6.16	7.88	1982
1983	2.28	1.33	1.44	3.00	26.3	7.70	4.47	0.921	0.874	8.88	7.43	3.77	5.81	1983
1984	1.98	1.58	1.18	17.2	23.4	13.9	7.01	6.33	3.15	5.11	8.28	8.84	8.09	1984
MEAN	1.70	1.18	1.18	11.1	26.3	12.0	6.04	2.68	2.42	7.07	6.74	3.91	6.80	MEAN

LOCATION - LAT 48 38 10 N DRAINAGE AREA, 880 km²
LONG 87 57 50 W NATURAL FLOW

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1971	---	---	---	---	1971
1972	---	58.1 ON MAY 5	1.10 B ON APR 8	228 000	1972
1973	52.4 AT 01:34 EST ON APR 25	52.1 ON APR 25	1.04 B ON FEB 15	213 000	1973
1974	52.1 AT 22:26 EST ON MAY 24	52.1 ON MAY 24	0.951B ON MAR 15	267 000	1974
1975	56.1 AT 02:03 EST ON JUN 21	55.8 ON JUN 21	0.773 ON SEP 15	185 000	1975
1976	59.5 AT 05:47 EST ON APR 24	59.2 ON APR 23	0.788B ON MAR 14	203 000	1976
1977	73.3 AT 23:05 EST ON APR 25 *	72.5 ON APR 25 *	0.804 ON FEB 25	303 000	1977
1978	38.1 AT 05:45 EST ON JUN 5	38.0 ON JUN 5	0.915B ON MAR 25	173 000	1978
1979	48.2 AT 06:36 EST ON MAY 15	48.1 ON MAY 15	0.586B ON FEB 15	211 000	1979
1980	52.4 AT 23:57 EST ON MAY 1	53.3 ON MAY 1	0.887 ON AUG 10	153 000	1980
1981	24.3 AT 11:36 EST ON APR 15	24.2 ON APR 15	0.488 ON SEP 25 *	151 000	1981
1982	---	54.4E ON MAY 5	0.497B ON FEB 20	243 000	1982
1983	37.7 AT 18:52 EST ON MAY 6	37.4 ON MAY 5	0.497 ON SEP 7	183 000	1983
1984	47.8 AT 08:04 EST ON MAY 1	47.7 ON MAY 1	1.00 B ON MAR 12	258 000	1984
				218 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

BLANCHE RIVER ABOVE ENGLEHART - STATION NO. 02JC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	---	---	33.3	31.7	20.0	11.7	7.19	17.3	13.4	10.5	---	1988
1989	9.78	8.28	8.18	---	---	25.5	13.7	14.7	5.78	17.7	55.5	34.5	---	1989
1970	14.3	---	---	40.9	78.1	41.0	34.5	10.5	5.79	10.3	11.1	9.88	---	1970
1971	8.33	8.88	8.04	54.9	71.8	20.6	8.48	---	---	---	23.1	27.8	---	1971
1972	10.3	8.48	8.28	28.1	87.6	28.0	14.5	11.8	14.8	---	---	---	---	1972
1973	---	8.84	10.3	84.4	84.0	29.0	17.7	10.5	14.4	22.3	22.3	12.0	---	1973
1974	8.14	8.83	8.51	83.7	108	38.4	27.4	9.69	9.43	21.2	22.2	11.1	27.4	1974
1975	7.17	8.14	8.11	38.4	73.1	48.2	11.0	3.51	3.18	8.61	10.3	10.7	18.5	1975
1976	8.27	8.31	8.81	121	85.8	18.3	8.78	4.08	15.2	18.3	13.8	8.87	24.7	1976
1977	4.42	4.12	10.8	97.8	48.2	13.8	8.84	3.23	3.41	3.84	13.9	8.78	18.3	1977
1978	8.00	8.48	4.10	11.8	83.1	28.9	25.7	9.74	9.15	24.8	14.1	8.78	20.4	1978
1979	8.78	4.88	7.88	71.0	117	52.3	13.7	8.21	12.3	27.1	33.8	20.0	31.3	1979
1980	8.05	8.04	8.38	88.7	82.8	18.8	7.81	8.13	8.48	15.4	15.8	8.88	18.8	1980
1981	8.28	8.28	14.3	110	38.4	21.1	10.0	3.71	3.85	18.8	13.1	7.38	20.8	1981
1982	8.81	4.48	4.38	38.8	70.8	18.4	10.7	8.00	7.84	18.8	22.1	19.0	18.7	1982
1983	8.82	8.78	8.78	48.8	107	48.7	12.8	8.38	3.83	12.8	8.88	8.88	23.8	1983
1984	4.82	8.17	8.48	78.1	43.2	28.4	28.7	10.8	8.88	12.8	28.8	20.3	23.2	1984
MEAN	7.38	8.83	8.28	81.7	72.4	29.8	15.7	7.98	8.17	18.3	20.1	14.1	22.2	MEAN

LOCATION - LAT 47 53 21 N DRAINAGE AREA, 1 780 km²
LONG 78 53 45 W NATURAL FLOW

BLANCHE RIVER ABOVE ENGLEHART - STATION NO. 02JC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1988	---	---	---	---	1988
1989	---	---	---	---	1989
1970	288 AT 05:15 EST ON MAY 2 *	248 ON MAY 2	---	---	1970
1971	135 AT 01:23 EST ON MAY 1	---	---	---	1971
1972	227 AT 02:39 EST ON MAY 1	202 ON MAY 1	5.87 ON MAR 23	---	1972
1973	126 AT 01:00 EST ON MAY 3	123 ON MAY 3	4.73 ON FEB 28	---	1973
1974	227 AT 13:22 EST ON APR 28	221 ON APR 28	4.08 ON SEP 9	885 000	1974
1975	159 AT 03:30 EST ON MAY 2	154 ON MAY 2	2.32E ON SEP 3	583 000	1975
1976	288 AT 01:15 EST ON APR 20	280 ON APR 20 *	1.94 ON SEP 2 *	785 000	1976
1977	---	210E ON APR 23	2.69 ON AUG 28	577 000	1977
1978	---	159E ON MAY 15	3.96E ON APR 1	842 000	1978
1979	---	221E ON APR 28	3.65E ON MAR 3	988 000	1979
1980	182 AT 00:00 EST ON APR 29	180 ON APR 29	3.53 ON SEP 16	889 000	1980
1981	214 AT 04:22 EST ON APR 5	204 ON APR 5	3.14 ON SEP 4	851 000	1981
1982	151 AT 01:22 EST ON MAY 1	147 ON MAY 2	3.82 ON SEP 13	591 000	1982
1983	210 AT 15:37 EST ON MAY 30	181 ON MAY 3	3.36 ON SEP 15	724 000	1983
1984	133 AT 23:15 EST ON APR 20	125 ON APR 20	3.60E ON FEB 2	735 000	1984
				701 000	MEAN

E - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

BLANCHE RIVER AT SWASTIKA - STATION NO. 02JC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1988	---	---	1.00	5.40	5.78	4.88	2.68	1.83	1.83	2.78	2.22	1.85	---	1988
1989	1.38	1.22	1.18	5.48	11.4	4.02	1.80	2.18	1.01	3.40	8.78	4.24	4.02	1989
1970	1.28	0.718	0.473	2.08	11.2	5.84	5.09	1.84	0.628	1.28	1.88	2.32	2.90	1970
1971	1.48	1.13	1.80	8.78	13.8	4.01	0.887	0.440	1.15	1.88	3.08	3.48	3.28	1971
1972	1.84	1.08	0.888	1.30	11.3	5.88	---	---	---	---	---	---	---	1972
1973	---	---	---	---	14.8	8.31	8.30	---	---	---	---	---	---	1973
1974	---	---	---	---	---	---	---	---	---	---	---	---	---	1974
1975	1.14	0.907	0.845	2.97	9.88	7.30	1.38	0.285	0.228	0.348	1.38	1.87	2.38	1975
1976	0.885	0.533	0.885	14.1	10.7	2.42	0.840	0.402	1.02	2.38	1.78	1.11	3.08	1976
1977	0.844	0.781	1.30	10.2	8.87	1.72	0.843	0.228	0.180	0.185	1.04	1.36	2.11	1977
1978	0.788	0.844	0.884	1.30	11.3	---	---	---	---	---	---	---	---	1978
MEAN	1.21	0.887	0.958	5.94	10.7	4.71	2.41	1.03	0.880	1.78	3.13	2.29	2.98	MEAN

LOCATION - LAT 48 08 31 N DRAINAGE AREA, 251 km²
LONG 80 08 21 W NATURAL FLOW

BLANCHE RIVER AT SWASTIKA - STATION NO. 02JC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	18.0 ON APR 19	---	---	1968
1969	17.8 AT 12:30 EST ON MAY 4	17.7 ON MAY 4	0.851E ON SEP 25	127 000	1969
1970	18.7 AT 05:20 EST ON MAY 2	18.5 ON MAY 2	0.343 ON SEP 24	91 400	1970
1971	17.8 AT 02:28 EST ON MAY 2	17.8 ON MAY 2	0.263 ON AUG 28	103 000	1971
1972	15.0 AT 15:52 EST ON MAY 7	14.9 ON MAY 7	---	---	1972
1974	18.8 AT 14:58 EST ON MAY 3	18.5 ON MAY 3	---	---	1974
1975	17.3 AT 03:50 EST ON MAY 4	17.2 ON MAY 4	0.139A ON SEP 2 *	74 300	1975
1976	---	30.0 ON APR 20 *	0.238A ON SEP 1	87 400	1976
1977	24.3 AT 03:26 EST ON APR 23 *	24.2 ON APR 23	0.139A ON SEP 22	88 800	1977
1978	---	17.0 ON MAY 14	---	---	1978
				93 300	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX) E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLOOMFIELD CREEK AT BLOOMFIELD - STATION NO. 02HE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.072	0.143	0.519	0.380	0.137	0.057	0.089	0.021	0.021	0.039	0.152	0.198	0.153	1970
1971	0.137	0.154	0.480	0.848	0.142	0.057	0.037	0.021	0.015	0.021	0.019	0.074	0.172	1971
1972	0.123	0.118	0.417	0.588	0.118	0.087	0.048	0.039	0.014	0.083	0.243	0.312	0.177	1972
1973	0.371	0.281	0.838	0.406	0.147	0.083	0.018	0.007	0.008	0.008	0.014	0.085	0.158	1973
1974	0.390	0.188	0.281	0.400	0.201	0.078	0.033	0.010	0.014	0.018	0.038	0.120	0.147	1974
1975	0.288	0.238	0.817	0.381	0.100	0.110	0.024	0.010	0.017	0.027	0.087	0.125	0.158	1975
1976	0.138	0.554	0.887	0.333	0.280	0.110	0.052	0.026	0.022	0.059	0.085	0.083	0.184	1976
1977	0.082	0.048	0.806	0.291	0.075	0.028	0.015	0.012	0.021	0.115	0.239	0.400	0.177	1977
1978	0.417	0.174	0.481	0.938	0.142	0.040	0.013	0.008	0.009	0.012	0.042	0.118	0.187	1978
1979	0.230	0.137	1.02	0.618	0.118	0.030	0.011	0.008	0.021	0.074	0.184	0.315	0.223	1979
1980	0.178	0.085	0.610	0.313	0.114	0.048	0.110	0.078	0.088	0.101	0.159	0.238	0.187	1980
1981	0.082	0.788	0.208	0.091	0.048	0.042	0.030	0.025	0.175	0.086	0.142	0.070	0.142	1981
1982	0.202	0.085	0.420	0.228	0.088	0.142	0.048	0.028	0.020	0.154	0.228	0.226	0.184	1982
1983	0.174	0.214	0.232	0.367	0.305	0.085	0.018	0.015	0.012	0.015	0.128	0.523	0.172	1983
1984	0.143	0.828	0.382	0.838	0.248	0.051	0.031	0.021	0.016	0.011	0.034	0.048	0.184	1984
MEAN	0.187	0.251	0.498	0.481	0.150	0.066	0.039	0.022	0.032	0.053	0.116	0.194	0.173	MEAN

LOCATION - LAT 43 59 26 N DRAINAGE AREA, 13.8 km^2
LONG 77 13 06 W NATURAL FLOW

REMARKS - DRAINAGE AREA REVISED OCT 1983 USING NEW INFORMATION

BLOOMFIELD CREEK AT BLOOMFIELD - STATION NO. 02HE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	2.63 AT 23:03 EST ON MAR 28	1.99 ON MAR 28	0.014 ON AUG 28	4 830	1970
1971	2.78 AT 21:37 EST ON APR 7	2.28 ON APR 4	0.012 ON SEP 2	5 430	1971
1972	2.40 AT 17:06 EST ON MAR 22	1.68 ON APR 2	0.006 ON SEP 22	5 810	1972
1973	4.87 AT 23:02 EST ON FEB 2	1.78 ON FEB 2	0.003 ON AUG 23 *	5 010	1973
1974	3.82 AT 14:26 EST ON JAN 27	2.53 ON JAN 27	0.003 ON AUG 26	4 650	1974
1975	3.40 AT 23:10 EST ON MAR 19	3.08 ON MAR 20	0.003 ON AUG 23	4 930	1975
1976	4.78 AT 13:03 EST ON MAR 21	3.48 ON MAR 21	0.014 ON SEP 3	8 250	1976
1977	3.74 AT 11:41 EST ON MAR 13	3.14 ON MAR 13	0.007 ON AUG 3	5 670	1977
1978	---	4.23E ON APR 1	0.005 ON AUG 22	8 220	1978
1979	5.86 AT 07:02 EST ON MAR 5	4.88 ON MAR 5 *	0.006 ON AUG 22	7 030	1979
1980	8.44 AT 20:46 EST ON MAR 21 *	3.33 ON MAR 21	0.022 ON OCT 23	5 280	1980
1981	8.08 AT 21:23 EST ON FEB 20	4.71 ON FEB 20	0.008 ON OCT 17	4 490	1981
1982	1.80 AT 17:57 EST ON MAR 20	1.28 ON MAR 20	0.012 ON MAY 27	5 180	1982
1983	2.10 AT 04:33 EST ON FEB 3	1.63 ON DEC 15	0.010 ON SEP 4	5 440	1983
1984	8.14 AT 19:46 EST ON FEB 14	4.13 ON FEB 14	0.006 ON OCT 30	5 810	1984
				5 480	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BLUE SPRINGS CREEK NEAR EDEN MILLS - STATION NO. 02GA031

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	0.307	0.474	0.802	---	1965
1966	0.809	0.582	0.966	0.747	0.666	0.397	0.204	0.181	0.156	0.147	0.256	0.513	0.436	1966
1967	0.377	0.400	0.631	1.80	0.646	0.616	0.871	0.362	0.261	0.406	0.449	0.595	0.567	1967
1968	0.438	0.621	1.32	0.872	0.576	0.396	0.271	0.467	0.451	0.364	0.528	0.881	0.587	1968
1969	0.675	0.594	1.03	1.48	0.903	0.536	0.381	0.345	0.189	0.202	0.363	0.262	0.576	1969
1970	0.208	0.230	0.417	1.10	0.588	0.334	0.312	0.231	0.277	0.342	0.512	0.642	0.434	1970
1971	0.428	0.439	0.898	1.84	0.844	0.578	0.370	0.461	0.378	0.217	0.231	0.487	0.537	1971
1972	0.447	0.406	0.488	2.09	0.938	0.580	0.450	0.269	0.247	0.398	0.510	0.620	0.621	1972
1973	0.887	0.703	1.86	1.23	0.823	0.517	0.278	0.262	0.208	0.287	0.518	0.478	0.662	1973
1974	0.857	0.720	1.45	1.26	1.31	0.870	0.391	0.260	0.220	0.203	0.302	0.285	0.844	1974
1975	0.382	0.483	0.982	1.35	0.842	0.530	0.298	0.288	0.295	0.260	0.284	0.435	0.530	1975
1976	0.378	0.601	2.15	1.61	1.37	0.858	0.519	0.368	0.430	0.385	0.404	0.283	0.778	1976
1977	0.237	0.228	1.48	1.11	0.830	0.367	0.277	0.311	0.588	0.870	0.820	1.10	0.668	1977
1978	0.781	0.586	0.710	2.17	1.15	0.597	0.337	0.283	0.348	0.270	0.318	0.375	0.660	1978
1979	0.418	0.308	1.44	1.87	1.28	0.688	0.351	0.312	0.255	0.248	0.414	0.878	0.686	1979
1980	0.620	0.344	0.814	1.26	0.872	0.486	0.388	0.258	0.221	0.288	0.247	0.340	0.518	1980
1981	0.218	0.838	0.827	0.889	0.631	0.304	0.354	0.300	0.412	0.538	0.808	0.436	0.487	1981
1982	0.381	0.308	0.588	1.89	0.717	0.780	0.523	0.342	0.343	0.288	0.533	0.982	0.648	1982
1983	0.687	0.802	0.838	1.15	1.18	0.801	0.312	0.282	0.219	0.250	0.300	0.389	0.580	1983
1984	0.287	0.830	0.914	1.35	0.789	0.543	0.330	0.248	0.288	0.224	0.388	0.408	0.548	1984
MEAN	0.485	0.558	1.03	1.39	0.850	0.535	0.366	0.303	0.303	0.322	0.427	0.530	0.588	MEAN

LOCATION - LAT 43 34 35 N DRAINAGE AREA, 44.5 km²
LONG 80 06 36 W REGULATED

REMARKS - MINOR REGULATION

BLUE SPRINGS CREEK NEAR EDEN MILLS - STATION NO. 02GA031

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	1.83 AT 01:00 EST ON MAR 20	1.70 ON MAR 20	0.133 ON OCT 8	13 800	1966
1967	4.59 AT 16:00 EST ON APR 3	3.71 ON APR 3	0.221 ON SEP 16	17 900	1967
1968	3.11 AT 14:30 EST ON MAR 19	2.60 ON MAR 20	0.187 ON JUL 27	18 900	1968
1969	2.83 AT 00:05 EST ON APR 6	2.54 ON MAR 28	0.136 ON OCT 7	18 200	1969
1970	2.12 AT 04:03 EST ON APR 10	2.00 ON APR 10	0.158 ON AUG 18	13 700	1970
1971	2.58 AT 05:42 EST ON APR 14	2.49 ON APR 14	0.153 ON DEC 3	16 800	1971
1972	5.88 AT 08:30 EST ON APR 15	5.44 ON APR 15	0.212 ON SEP 21	19 600	1972
1973	4.50 AT 12:48 EST ON MAR 12	4.11 ON MAR 12	0.116 ON SEP 10 *	20 900	1973
1974	4.78 AT 02:40 EST ON MAR 5	4.38 ON MAR 5	0.178 ON OCT 11	20 300	1974
1975	6.77 AT 20:27 EST ON APR 18	6.16 ON APR 19	0.159 ON OCT 31	16 700	1975
1976	7.33 AT 18:53 EST ON MAR 21	5.52 ON MAR 21	0.178 ON SEP 18	24 600	1976
1977	5.84 AT 01:14 EST ON MAR 14	5.48 ON MAR 14	0.116 ON JUL 27	21 100	1977
1978	3.77 AT 09:32 EST ON APR 12	3.57 ON APR 12	0.221 ON OCT 24	20 800	1978
1979	7.33 AT 21:48 EST ON APR 18	6.48 ON APR 18	0.185 ON SEP 28	21 900	1979
1980	6.09 AT 13:06 EST ON MAR 22	5.06 ON MAR 22	0.158 ON SEP 12	18 400	1980
1981	2.98 AT 16:36 EST ON FEB 21	2.91 ON FEB 21	0.196 ON AUG 27	14 700	1981
1982	8.08 AT 12:38 EST ON APR 1 *	7.19 ON APR 1 *	0.232 ON OCT 25	20 400	1982
1983	2.17 AT 23:47 EST ON MAY 3	2.06 ON MAY 4	0.182 ON SEP 14	18 300	1983
1984	2.84 AT 21:33 EST ON APR 6	2.47 ON APR 5	0.182 ON OCT 7	17 300	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		18 500	MEAN

BOB CREEK NEAR MINDEN - STATION NO. 02HF004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	0.018	0.078	0.376	---	---	1975
1976	0.135	0.148	1.32	0.881	0.121	0.021	0.020	0.008	0.043	0.041	0.085	0.067	0.242	1976
1977	0.035	0.040	0.887	0.384	0.024	0.003	0.002	0.001	0.014	0.142	0.383	0.237	0.177	1977
1978	0.133	0.045	0.080	0.884	0.238	0.013	0.001	0.008	0.003	0.084	0.224	0.154	0.182	1978
1979	0.124	0.100	0.984	0.727	0.180	0.027	0.007	0.011	0.004	0.218	0.448	0.401	0.288	1979
1980	0.127	0.014	0.483	0.982	0.074	0.186	0.325	0.041	0.045	0.381	0.285	0.204	0.261	1980
1981	0.047	1.15	0.381	0.380	0.202	0.054	0.007	0.017	0.184	0.183	0.188	0.108	0.333	1981
1982	0.082	0.045	0.159	1.48	0.088	0.258	0.003	0	0.033	0.112	0.531	0.718	0.291	1982
1983	0.208	0.188	0.383	0.421	0.848	0.103	0.001	0	0	0.008	0.183	0.145	0.188	1983
1984	0.089	0.402	0.361	0.700	0.283	0.088	0.095	0.011	0.004	0.048	0.381	0.847	0.247	1984
MEAN	0.108	0.235	0.881	0.772	0.208	0.084	0.081	0.011	0.035	0.120	0.278	0.288	0.230	MEAN

LOCATION - LAT 44 58 07 N DRAINAGE AREA, 21.8 km²
LONG 78 48 07 W NATURAL FLOW

BOB CREEK NEAR MINDEN - STATION NO. 02HF004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	0 ON AUG 22 *	---	1975
1976	8.69 AT 08:03 EST ON APR 1 *	7.31 ON APR 1 *	0 ON JUL 22	7 650	1976
1977	5.41 AT 09:01 EST ON MAR 14	4.63 ON MAR 14	0 ON JUN 12	5 680	1977
1978	2.15 AT 18:04 EST ON APR 21	2.11 ON APR 21	0 ON JUN 27	5 120	1978
1979	7.59 AT 10:54 EST ON MAR 26	6.37 ON MAR 26	0 ON JUN 29	8 450	1979
1980	6.41 AT 02:00 EST ON JUL 30	3.92 ON JUL 30	0 ON AUG 20	8 240	1980
1981	5.03 AT 05:05 EST ON FEB 24	4.64 ON FEB 24	0 ON JUL 17	7 350	1981
1982	6.90 AT 01:27 EST ON APR 18	5.94 ON APR 18	0 ON JUL 10	9 180	1982
1983	4.74 AT 18:15 EST ON MAY 8	3.26 ON MAY 8	0 ON JUL 11	5 950	1983
1984	8.27 AT 20:18 EST ON DEC 28	3.73 ON DEC 28	0 ON JUN 28	7 810	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		7 280	MEAN

BONNECHERE RIVER AT GOLDEN LAKE - STATION NO. 02KC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	7.02	7.17	10.4	5.32	3.94	4.35	---	1915
1916	5.50	8.57	9.58	45.6	58.0	26.4	14.8	7.78	8.40	7.05	---	---	---	1916
MEAN	5.50	8.57	9.58	45.6	58.0	26.4	10.9	7.47	9.40	8.18	3.94	4.35	---	MEAN

LOCATION - LAT 45 36 27 N, LONG 77 14 00 W, REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

BONNECHERE RIVER AT GOLDEN LAKE - STATION NO. 02KC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	78.7 ON MAY 9 *	---	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

BONNECHERE RIVER AT RENFREW - STATION NO. 02KC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1916	---	---	---	---	---	---	---	---	---	6.14	5.81	8.88	---	1916
1917	9.74	14.6	38.6	58.5	43.4	18.0	9.86	7.14	8.38	8.24	8.31	9.85	18.0	1917
1918	8.14	9.99	10.9	35.1	18.4	15.0	9.06	8.83	7.53	12.0	26.8	27.5	15.8	1918
1919	31.0	23.0	28.6	54.1	84.3	61.9	8.77	8.21	8.53	8.91	11.0	11.0	27.8	1919
1920	13.2	10.3	43.6	25.1	25.0	11.0	7.20	7.00	8.61	8.36	8.87	10.2	14.4	1920
1921	10.2	8.54	43.4	55.7	37.4	12.0	8.29	8.01	8.75	---	---	---	---	1921
MEAN	14.5	12.9	32.8	45.7	41.8	23.8	8.24	7.00	7.18	7.93	11.8	12.3	15.3	MEAN

LOCATION - LAT 45 28 55 N, LONG 76 41 15 W, DRAINAGE AREA, 3 280 km^2, REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

BONNECHERE RIVER AT RENFREW - STATION NO. 02KC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1916	---	---	---	---	1916
1917	---	249 ON MAR 28	2.97 ON DEC 27	601 000	1917
1918	---	105 ON APR 3	4.30 ON MAR 3	500 000	1918
1919	---	271 ON MAY 23 *	1.13 ON AUG 3 *	878 000	1919
1920	---	181 ON MAR 13	4.41 ON OCT 17	455 000	1920
1921	---	191 ON MAR 20	---	---	1921
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		809 000	MEAN

BONNECHERE RIVER NEAR CASTLEFORD - STATION NO. 02KC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	---	---	5.85	5.20	---	1921
1922	4.88	4.19	17.0	53.5	41.2	19.7	8.98	5.47	5.21	4.41	5.52	5.54	14.6	1922
1923	5.16	5.10	7.88	65.0	53.4	33.8	10.7	5.38	5.14	5.45	5.97	13.6	18.3	1923
1924	12.1	10.9	19.8	55.8	57.0	24.4	7.88	5.71	5.94	5.13	6.22	4.88	18.1	1924
1925	5.81	7.30	33.8	34.1	26.1	28.4	17.8	8.70	8.27	8.57	8.57	8.03	18.8	1925
1926	8.32	8.04	4.78	33.4	52.8	22.8	15.7	10.6	8.93	8.88	10.8	14.1	15.6	1926
1927	13.7	11.2	40.1	30.7	30.1	38.8	20.3	20.0	11.4	8.22	20.4	25.4	22.8	1927
1928	21.5	19.8	21.8	123	71.7	21.2	12.3	15.1	10.6	15.8	29.8	41.7	33.6	1928
1929	23.0	19.5	48.4	113	81.2	19.3	8.88	8.97	8.33	8.83	8.14	3.91	28.1	1929
1930	3.88	8.84	7.48	12.4	10.8	18.7	7.83	4.98	5.06	8.07	4.73	4.86	7.74	1930
1931	4.28	3.85	4.84	18.8	10.7	10.2	8.75	5.80	8.80	8.85	8.38	8.38	7.89	1931
1932	11.0	11.0	11.8	81.1	36.8	11.7	8.00	8.47	8.88	8.44	8.88	11.4	14.8	1932
1933	11.8	9.83	9.80	71.2	48.2	13.3	8.28	8.88	8.08	8.43	8.82	8.82	18.8	1933
1934	8.88	8.42	8.70	42.8	41.3	13.8	8.28	4.82	8.81	8.40	8.38	8.85	12.2	1934
1935	8.35	8.81	31.3	32.3	31.8	14.8	17.3	13.7	8.34	8.74	8.88	8.84	18.3	1935
1936	7.08	8.33	38.1	88.0	88.8	28.1	7.77	7.00	7.48	8.00	8.87	11.2	22.8	1936
1937	18.8	18.8	8.88	44.3	87.0	17.8	8.48	8.04	8.80	8.22	11.0	10.8	17.7	1937
1938	12.4	14.3	41.8	80.3	48.4	23.2	8.10	8.28	8.08	8.20	8.18	8.78	18.7	1938
1939	8.78	7.80	10.8	48.7	38.8	18.4	8.08	8.40	8.08	8.88	8.81	8.01	13.8	1939
1940	8.74	8.48	8.41	48.1	28.7	43.8	7.00	8.48	8.48	4.88	8.18	8.38	14.0	1940
1941	8.81	7.88	8.81	43.8	31.1	4.78	4.84	8.18	8.14	8.38	8.07	8.88	10.8	1941
1942	8.87	7.82	24.7	88.3	41.4	24.8	8.10	8.27	8.88	8.81	8.32	7.21	18.7	1942
1943	8.34	8.13	18.0	88.0	83.8	32.8	8.33	8.10	7.18	7.23	8.01	7.08	22.4	1943
1944	7.70	8.88	10.3	18.4	34.8	12.8	8.88	8.40	7.83	7.07	8.88	8.85	10.8	1944
1945	8.31	8.84	33.7	48.2	44.8	38.3	13.7	7.82	7.85	10.1	10.2	7.70	18.3	1945
1946	11.1	8.40	32.8	24.8	17.8	18.7	7.18	8.82	8.18	8.18	8.28	8.31	12.8	1946
1947	10.8	12.7	18.8	88.7	103	82.0	28.4	18.8	10.8	8.88	8.84	7.83	31.2	1947
1948	8.81	8.00	28.3	38.4	32.4	28.2	7.87	8.48	8.73	8.44	8.43	8.80	14.8	1948
1949	7.27	11.8	26.3	88.8	47.8	12.2	8.71	8.43	7.20	8.82	8.81	3.84	17.4	1949
1950	7.73	8.36	13.3	88.1	28.8	8.80	8.20	8.87	8.08	8.42	11.8	18.3	18.7	1950
1951	21.3	20.8	28.8	114	72.4	21.2	71.7	7.70	8.85	8.87	17.8	24.8	30.4	1951
1952	18.2	21.3	21.8	78.3	88.8	30.1	10.8	7.82	7.73	7.87	7.48	8.38	33.0	1952
1953	8.41	8.48	18.0	38.8	28.8	13.0	8.70	8.88	8.82	7.78	7.82	7.11	12.8	1953
1954	7.88	11.4	20.7	82.8	42.4	38.2	12.7	8.18	13.8	28.8	24.8	28.8	24.8	1954
1955	22.1	18.8	18.4	105	48.8	10.8	8.31	8.80	7.28	10.8	8.88	8.41	22.1	1955
1956	8.31	8.88	10.4	47.4	82.8	38.2	17.0	8.82	10.8	8.08	8.88	8.38	18.3	1956
1957	8.81	8.28	12.0	14.8	20.0	17.4	12.8	8.18	7.38	8.88	8.81	13.4	11.4	1957
1958	18.8	18.0	23.7	84.8	32.8	18.4	8.81	8.10	8.73	7.31	7.80	---	---	1958
1959	---	---	---	---	28.8	10.8	4.88	8.88	8.88	7.21	11.8	---	---	1959
1960	---	---	---	---	82.4	18.8	8.48	4.78	4.35	4.20	4.08	---	---	1960
1961	---	---	---	---	---	14.2	11.3	18.4	7.01	8.87	7.41	---	---	1961
1962	---	---	---	---	---	7.88	4.78	4.11	4.81	8.48	18.2	10.3	---	1962
1963	11.0	11.8	18.8	47.2	38.2	14.8	7.38	8.88	8.81	12.8	18.8	24.8	18.3	1963
1964	17.8	13.0	31.2	38.8	24.8	11.3	3.88	3.37	4.18	4.30	8.12	8.34	13.4	1964
1965	3.88	4.87	8.82	41.8	47.4	10.8	3.81	4.10	8.82	8.77	18.8	27.8	18.3	1965
1966	22.4	20.1	37.8	80.8	41.8	28.3	4.81	8.37	8.01	8.28	8.30	30.8	21.8	1966
1967	20.1	18.8	17.8	80.8	37.8	32.8	28.8	8.18	17.1	88.8	88.7	38.8	32.4	1967
1968	20.8	20.1	42.2	44.3	18.8	18.8	18.1	8.88	7.48	8.43	7.33	8.03	17.4	1968
1969	8.28	8.38	18.7	82.8	82.1	32.7	17.3	8.32	7.38	8.88	8.83	8.48	22.7	1969
1970	8.88	11.8	12.1	48.3	88.1	12.2	11.3	10.2	8.73	8.38	7.83	10.4	17.2	1970
1971	11.1	11.7	18.1	88.1	83.3	14.8	8.34	8.83	7.80	8.88	8.27	10.4	18.1	1971
1972	8.41	8.81	10.0	88.8	78.7	37.8	28.1	18.8	18.2	21.1	84.8	38.3	31.8	1972
1973	28.2	28.2	83.1	108	84.4	32.8	18.1	10.2	8.24	8.42	8.27	13.3	32.2	1973
1974	14.2	18.4	28.8	74.0	82.7	30.4	12.0	8.88	8.27	7.83	12.7	13.4	28.4	1974
1975	18.2	18.8	17.8	88.2	43.0	14.7	8.48	4.80	8.10	8.11	4.88	7.38	18.4	1975
1976	8.48	8.48	44.1	80.4	48.8	18.2	21.2	7.14	8.13	11.4	12.0	11.3	23.3	1976
1977	8.84	10.8	38.2	40.8	18.8	8.87	8.48	3.88	4.81	8.08	11.8	18.2	14.8	1977
1978	17.8	18.8	18.4	81.1	78.8	18.4	7.74	8.38	8.28	8.80	7.83	8.22	22.3	1978
1979	7.48	8.84	33.2	78.7	82.4	22.1	8.82	7.47	8.88	8.71	8.82	20.8	22.8	1979
1980	17.8	8.78	23.8	80.2	38.4	17.2	18.7	18.1	8.08	11.7	22.8	18.0	20.7	1980
1981	18.4	48.1	88.8	43.8	27.8	17.3	10.8	10.4	23.8	21.0	20.7	18.8	25.8	1981
1982	12.8	18.1	23.8	81.1	38.8	18.0	8.30	8.88	8.28	8.82	8.88	18.8	18.4	1982
1983	21.8	18.8	30.8	88.1	87.1	28.8	3.88	8.84	4.78	8.88	8.78	18.3	24.2	1983
1984	14.0	23.0	31.7	87.8	73.2	18.8	8.78	8.48	7.28	8.88	8.88	7.10	24.8	1984
MEAN	11.7	12.1	22.8	67.2	47.8	21.1	10.4	7.84	7.84	8.74	11.1	12.7	18.4	MEAN

LOCATION - LAT 45 28 48 N DRAINAGE AREA, 2 380 km²
LONG 78 33 80 W REGULATED

BONNECHERE RIVER NEAR CASTLEFORD - STATION NO. 02KC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	82.4 ON APR 12	1.88 B ON FEB 19	481 000	1922
1923	---	81.8 ON APR 23	3.17 ON OCT 14	578 000	1923
1924	---	98.8 ON APR 5	3.48 ON SEP 27	573 000	1924
1925	---	104 ON MAR 11	4.80 ON NOV 1	489 000	1925
1926	---	126 ON APR 23	4.79 B ON MAR 1	498 000	1926
1927	---	112 ON MAR 15	7.80 ON OCT 16	710 000	1927
1928	---	286 ON APR 5 *	8.87 ON JUL 2	1 080 000	1928
1929	---	155 ON APR 5	3.48 ON NOV 26	886 000	1929
1930	---	29.2 ON MAY 31	3.87 ON NOV 2	244 000	1930
1931	---	61.1 ON APR 11	3.40 ON OCT 12	228 000	1931
1932	---	108 ON APR 11	3.40 ON JUL 3	488 000	1932
1933	---	93.0 ON APR 16	3.40 ON AUG 7	521 000	1933
1934	---	70.8 ON APR 19	3.87 ON JUL 22	386 000	1934
1935	---	84.7 ON MAR 25	3.69 ON NOV 11	482 000	1935
1936	---	86.7 ON APR 17	5.47 ON JUL 17	710 000	1936
1937	---	158 ON APR 5	4.39 ON AUG 8	580 000	1937
1938	---	123 ON MAR 24	3.88 ON AUG 14	522 000	1938
1939	---	71.1 ON APR 23	3.14 ON JUL 23	429 000	1939
1940	---	102 ON APR 18	3.41 ON SEP 30	442 000	1940
1941	---	66.8 ON APR 15	3.26 ON JUN 8	331 000	1941
1942	---	70.2 ON APR 18	3.87 ON NOV 15	527 000	1942
1943	---	118 ON MAY 12	4.11 ON AUG 22	708 000	1943
1944	---	35.1 ON APR 28	3.87 ON NOV 26	331 000	1944
1945	---	98.0 ON MAR 19	4.79 ON SEP 3	810 000	1945
1946	---	78.7 ON MAR 14	3.01 ON NOV 11	382 000	1946
1947	---	184 ON APR 12	8.03 ON SEP 13	985 000	1947
1948	---	92.38 ON MAR 20	1.84 ON SEP 19	472 000	1948
1949	---	86.3 ON MAR 31	1.80 ON AUG 7	550 000	1949
1950	---	129 ON APR 5	3.34 ON JUL 16	486 000	1950
1951	---	173 ON MAR 31	4.63 ON SEP 3	959 000	1951
1952	---	163 ON APR 6	3.18 ON NOV 2	727 000	1952
1953	---	87.2 ON MAR 27	1.85 ON SEP 27	406 000	1953
1954	---	106 ON APR 17	3.18 B ON JAN 10	778 000	1954
1955	---	145 B ON APR 5	3.21 B ON DEC 24	887 000	1955
1956	---	124 ON APR 5	1.84 B ON FEB 8	610 000	1956
1957	---	40.68 ON MAR 14	3.20 ON OCT 12	380 000	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	130 B AT 02:00 EST ON MAR 31	90.6 ON APR 1	4.81 ON SEP 2	578 000	1963
1964	50.7 AT 08:00 EST ON MAR 8	49.3 ON MAR 7	0.588 ON AUG 3 *	423 000	1964
1965	112 B AT 01:00 EST ON APR 11	75.98 ON APR 10	1.83 ON AUG 1	484 000	1965
1966	78.48 AT 22:00 EST ON MAR 24	70.88 ON MAR 20	2.38 ON AUG 8	887 000	1966
1967	134 AT 20:30 EST ON JUL 2	129 ON OCT 19	8.17 ON AUG 17	1 020 000	1967
1968	148 B AT 19:00 EST ON MAR 28	97.78 ON MAR 28	3.64 ON OCT 28	651 000	1968
1969	170 AT 12:05 EST ON MAY 19	154 ON MAY 19	4.19 ON OCT 28	714 000	1969
1970	108 B AT 22:01 EST ON APR 14	82.48 ON APR 14	3.79 ON JUL 1	844 000	1970
1971	132 AT 22:30 EST ON APR 18	120 ON APR 19	3.78 ON NOV 13	804 000	1971
1972	208 B AT 22:23 EST ON APR 17	118 ON APR 16	7.70 B ON JAN 8	888 000	1972
1973	200 AT 22:48 EST ON APR 2	183 ON APR 3	8.08 ON JUL 21	1 020 000	1973
1974	---	140 ON MAY 13	8.48 ON OCT 28	833 000	1974
1975	234 AT 19:30 EST ON APR 19 *	182 ON APR 19	3.84 ON OCT 11	817 000	1975
1976	203 B AT 20:24 EST ON MAR 25	187 B ON MAR 25	6.47 ON AUG 8	737 000	1976
1977	88.8 AT 14:16 EST ON MAR 29	75.2 ON MAR 29	1.28 ON JUL 31	487 000	1977
1978	172 AT 13:19 EST ON APR 21	135 ON APR 21	1.85 ON AUG 17	703 000	1978
1979	---	150 B ON MAR 28	1.82 ON JUL 7	710 000	1979
1980	---	141 B ON MAR 22	3.29 ON JUL 20	858 000	1980
1981	---	142 B ON FEB 24	7.87 ON JUL 28	818 000	1981
1982	183 B AT 02:40 EST ON APR 1	120 B ON APR 1	2.12 ON JUL 17	578 000	1982
1983	161 AT 15:30 EST ON MAY 6	153 ON MAY 6	1.85 ON JUL 18	784 000	1983
1984	178 AT 13:09 EST ON APR 6	180 ON APR 6	3.06 ON DEC 5	788 000	1984
				812 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

BONNECHERE RIVER NEAR EGANVILLE - STATION NO. 02KC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1918	---	---	---	---	---	---	---	---	---	8.77	---	---	---	1918
MEAN	---	---	---	---	---	---	---	---	---	8.77	---	---	---	MEAN

LOCATION - LAT 45 31 40 N DRAINAGE AREA, 1 740 km^2 DATA CONTRIBUTED BY - ONTARIO HYDRO
LONG 77 04 50 W REGULATED

BOSTON CREEK NEAR DANE - STATION NO. 02JC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	0.402	0.054	0.095	0.092	---	---	---	1980
MEAN	---	---	---	---	---	---	0.402	0.054	0.095	0.092	---	---	---	MEAN

LOCATION - LAT 48 03 30 N
LONG 79 59 30 W
DRAINAGE AREA, 23.3 km²
NATURAL FLOW

BOSTON CREEK NEAR YORK - STATION NO. 02GB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	0.405	0.310	0.283	0.401	2.53	0.795	---	1913
1914	2.35	3.55	17.5	5.89	2.57	0.663	0.299	0.283	0.670	0.330	0.744	1.26	3.10	1914
1915	1.81	7.26	6.09	5.80	1.13	0.438	0.852	2.21	0.811	0.765	1.30	1.40	2.42	1915
1916	11.4	4.55	8.79	8.73	5.12	8.84	0.455	0.321	---	---	---	---	---	1916
MEAN	5.19	5.12	10.1	7.17	2.94	2.59	0.453	0.758	0.515	0.499	1.52	1.15	2.76	MEAN

LOCATION - LAT 43 01 15 N
LONG 79 54 55 W
NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO HYDRO

BOSTON CREEK NEAR YORK - STATION NO. 02GB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	50.9 ON MAR 19 *	0.170 ON OCT 11 *	97 800	1914
1915	---	21.5 ON APR 12	0.170 ON JUL 1	75 300	1915
1916	---	33.1 ON MAR 28	---	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		87 100	MEAN

BOWMANVILLE CREEK AT BOWMANVILLE - STATION NO. 02HD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	1.75	0.740	0.641	0.630	0.621	0.936	1.10	0.925	---	1959
1960	0.716	1.26	1.62	5.21	4.07	1.30	0.748	0.642	0.625	0.870	0.928	0.808	1.61	1960
1961	0.422	1.20	1.13	1.75	1.17	0.923	0.658	0.740	0.894	0.888	0.889	0.893	0.980	1961
1962	0.761	0.853	2.85	1.30	0.834	0.884	0.595	0.841	0.843	0.850	0.838	0.857	0.921	1962
1963	0.885	0.848	2.39	1.37	1.32	0.911	0.836	0.648	0.493	0.587	0.878	0.589	0.958	1963
1964	0.871	0.885	1.50	1.47	0.782	0.580	0.925	0.893	0.570	0.819	0.892	1.85	0.929	1964
1965	1.20	2.74	1.87	2.80	0.744	0.525	0.624	0.537	0.531	0.988	1.54	1.97	1.30	1965
1966	0.988	1.71	2.52	1.19	1.00	0.887	0.451	0.493	0.488	0.856	1.17	2.02	1.10	1966
1967	1.46	0.836	2.49	2.24	1.01	0.884	0.850	0.732	0.988	1.07	1.38	1.50	1.27	1967
1968	1.38	2.21	3.48	1.32	1.17	0.813	0.809	0.888	0.735	0.758	1.02	1.21	1.28	1968
1969	4.82	2.30	2.67	2.59	1.80	0.818	0.858	0.798	0.819	0.788	1.04	1.02	1.85	1969
1970	0.702	2.13	3.72	2.24	1.25	0.815	0.675	0.883	0.710	0.881	1.07	1.19	1.33	1970
1971	0.789	2.81	2.16	3.94	0.800	0.818	0.757	0.881	0.671	0.702	0.878	1.30	1.30	1971
1972	1.41	0.805	1.87	4.95	0.827	0.888	0.701	1.05	0.777	1.11	1.04	1.37	1.40	1972
1973	1.62	1.74	2.85	1.74	1.25	0.781	0.858	0.837	0.894	0.782	0.898	0.888	1.20	1973
1974	1.38	1.11	2.28	2.20	1.32	0.838	1.05	0.709	0.715	0.787	0.893	1.01	1.21	1974
1975	1.15	1.98	2.61	1.83	1.02	0.728	0.587	0.558	0.707	0.881	0.815	1.03	1.12	1975
1976	1.06	2.12	3.52	1.95	1.75	0.883	0.918	0.748	0.745	0.851	0.888	0.849	1.34	1976
1977	0.422	0.550	3.70	1.67	0.732	0.887	0.574	0.738	0.888	1.17	1.80	1.78	1.24	1977
1978	1.51	0.448	2.08	2.61	1.80	0.914	0.827	0.878	1.07	1.23	1.45	1.28	1.50	1978
1979	0.843	0.510	3.75	2.33	1.29	0.705	0.825	0.828	0.710	0.842	1.28	1.83	1.29	1979
1980	1.38	0.826	5.09	2.45	0.888	1.01	1.13	0.778	0.859	1.35	1.26	1.32	1.53	1980
1981	0.801	3.51	1.20	1.33	1.00	0.785	0.735	0.856	1.06	1.32	1.29	0.736	1.17	1981
1982	0.837	0.886	4.72	3.02	1.04	1.49	0.818	0.705	0.781	0.838	1.39	1.71	1.51	1982
1983	1.43	1.80	1.76	2.13	2.01	0.840	0.842	0.718	0.736	1.02	1.38	1.88	1.33	1983
1984	0.891	3.14	1.88	2.37	1.28	0.738	0.898	0.857	1.08	0.808	1.30	1.37	1.38	1984
MEAN	1.18	1.54	2.84	2.38	1.31	0.836	0.783	0.720	0.736	0.873	1.13	1.28	1.27	MEAN

LOCATION - LAT 43 55 18 N
LONG 78 42 09 W
DRAINAGE AREA, 82.9 km²
REGULATED

REMARKS - REGULATION BY SMALL MILLS

BOWMANVILLE CREEK AT BOWMANVILLE - STATION NO. 02HD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	---	40.6 ON MAY 9	0.391 ON JUL 28	51 000	1960
1961	---	9.15 ON APR 16	0.3408 ON JAN 21	30 300	1961
1962	---	8.248 ON MAR 21	0.428 ON JUL 8	29 000	1962
1963	15.78 AT 18:30 EST ON MAR 27	7.488 ON MAR 27	0.408 ON SEP 28	30 200	1963
1964	10.0 AT 12:01 EST ON JUL 13	7.228 ON DEC 24	0.377 ON JUL 11	29 400	1964
1965	28.6 AT 19:00 EST ON APR 7	17.6 B ON FEB 10	0.388 ON JUN 27	41 100	1965
1966	---	22.7 B ON MAR 1	0.334 ON JUL 15	34 800	1966
1967	---	8.758 ON MAR 27	0.507 ON AUG 15	40 100	1967
1968	---	13.3 E ON FEB 2	0.439 ON JUL 27	40 500	1968
1969	---	25.5 B ON JAN 31	0.453 ON JUL 20	52 300	1969
1970	31.18 AT 22:09 EST ON MAR 22	10.8 B ON MAR 22	0.487 ON OCT 7	42 000	1970
1971	---	18.6 E ON APR 2	0.411 ON SEP 11	41 000	1971
1972	33.1 AT 14:42 EST ON APR 13	22.1 ON APR 13	0.433A ON MAY 28	44 400	1972
1973	15.1 AT 20:00 EST ON MAR 11	12.9 E ON MAR 4	0.453E ON SEP 8	38 000	1973
1974	18.9E AT 11:30 EST ON MAR 5	13.4 E ON MAR 5	0.538E ON JUN 2	38 000	1974
1975	---	14.2 B ON FEB 24	0.413 ON AUG 20	35 500	1975
1976	21.9 AT 21:05 EST ON MAR 20	18.7 ON MAR 21	0.555 ON AUG 25	42 300	1976
1977	34.3 AT 07:30 EST ON MAR 13	17.2 ON MAR 13	0.3608 ON JAN 18	38 100	1977
1978	18.9 AT 22:00 EST ON APR 1	12.1 ON APR 7	0.3408 ON MAR 13	47 200	1978
1979	22.4 AT 08:55 EST ON MAR 14	10.8 ON MAR 14	0.415B ON FEB 10	40 800	1979
1980	---	83.8 E ON MAR 21 *	0.3008 ON DEC 3 *	48 500	1980
1981	---	20.0 B ON FEB 20	0.545 ON JUL 11	37 000	1981
1982	39.8 AT 19:45 EST ON MAR 31 *	18.5 ON MAR 31	0.5808 ON JAN 2	47 600	1982
1983	17.2 AT 13:56 EST ON MAR 19	9.53 ON FEB 3	0.533 ON AUG 21	42 000	1983
1984	---	32.0 B ON FEB 14	0.504 ON AUG 11	43 000	1984
				40 200	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BOYLE DRAIN NEAR ATWOOD - STATION NO. 02FE010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	4.25	7.01	6.03	---	1967
1968	0.801	6.15	9.12	2.56	0.485	0.128	0.044	0.887	1.12	1.48	4.47	4.03	2.59	1968
1969	1.02	2.78	8.40	11.8	4.28	0.281	0.028	0.019	0.006	0.031	1.30	0.633	2.42	1969
1970	0.245	0.557	2.46	11	1.10	0.183	0.040	0.010	0.040	0.373	1.76	3.03	1.77	1970
1971	0.789	0.807	4.39	12.6	0.243	1.30	0.102	0.135	0.031	0.031	0.086	2.48	1.88	1971
1972	2.25	0.843	4.36	14.5	0.487	0.786	0.846	0.008	0.001	0.858	1.95	3.88	2.44	1972
1973	4.33	1.88	11.9	3.21	2.62	0.380	0.056	0.140	0.009	0.014	1.43	2.14	2.28	1973
1974	5.85	2.85	7.53	7.37	5.35	0.120	0.031	0.007	0.005	0.013	0.289	0.088	2.43	1974
1975	2.57	2.45	6.17	11.8	0.533	0.568	0.025	3.58	2.88	0.370	1.86	4.87	3.10	1975
1976	2.13	8.07	19.0	4.21	2.17	0.015	0.085	0.004	0.178	0.512	1.25	0.896	3.18	1976
1977	0.397	0.473	15.1	2.01	0.119	0.008	0.003	0.100	1.43	2.60	3.28	3.35	2.50	1977
1978	0.814	0.581	3.09	16.5	0.897	0.159	0.006	0.018	0.739	0.230	0.695	1.46	2.11	1978
1979	1.88	0.158	8.17	8.50	---	---	---	---	---	---	---	---	---	1979
MEAN	1.94	2.26	8.23	8.80	1.67	0.354	0.085	0.447	0.568	0.883	2.02	1.85	2.43	MEAN

LOCATION - LAT 43 40 35 N
LONG 81 04 32 W
DRAINAGE AREA, 197 km^2
NATURAL FLOW

BOYLE DRAIN NEAR ATWOOD - STATION NO. 02FE010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	20.3 AT 22:30 EST ON NOV 28	28.28 ON FEB 4	0.017 ON JUL 15	82 000	1968
1969	57.5 AT 01:01 EST ON APR 5	49.6 ON APR 5	0.002 ON SEP 21	78 300	1969
1970	80.0 AT 04:38 EST ON APR 10	54.8 ON APR 10	0.005 ON AUG 13	88 800	1970
1971	43.0 AT 06:02 EST ON APR 10	39.6 ON APR 10	0.011 ON AUG 9	88 500	1971
1972	59.2 AT 04:41 EST ON APR 14	58.1 ON APR 14	0 ON AUG 27 *	77 200	1972
1973	34.5 AT 17:37 EST ON MAR 12	32.0 ON MAR 12	0.001 ON SEP 13	71 800	1973
1974	57.8 AT 02:13 EST ON MAR 5	51.0 ON MAR 5	0.003 ON AUG 20	78 500	1974
1975	82.1 AT 22:15 EST ON APR 18	71.5 ON APR 19	0 ON AUG 20	97 900	1975
1976	90.3 AT 23:00 EST ON MAR 21	78.2 ON MAR 22	0 ON JUN 24	88 800	1976
1977	109 AT 11:38 EST ON MAR 14 *	104 ON MAR 14 *	0 ON JUN 23	78 900	1977
1978	58.1 AT 01:27 EST ON APR 5	54.1 ON APR 5	0.003 ON JUL 10	88 500	1978
1979	---	35.4 ON APR 14	0.1008 ON FEB 19	---	1979
				78 800	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BOYNE RIVER AT EARL ROWE PARK - STATION NO. 02ED102

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	---	1.19	0.715	0.648	1.16	1.22	1.36	1.55	1.62	---	1969
	1.38	1.47	3.83	5.78	3.16	1.11	0.884	0.890	0.880	0.880	1.13	0.841	1.81	
1970	1.08	1.23	1.58	8.18	2.37	1.28	1.05	0.804	0.740	0.888	1.25	1.43	1.85	1970
1971	1.02	1.13	1.95	7.89	1.48	0.821	0.648	0.820	0.693	0.827	0.753	1.28	1.57	1971
1972	1.09	0.875	1.06	8.54	2.01	1.89	0.857	0.821	0.573	1.23	1.46	1.48	1.88	1972
1973	2.56	1.52	6.28	3.86	2.36	1.21	0.888	0.861	0.502	0.780	2.02	1.38	1.98	1973
1974	1.92	1.44	7.07	5.05	3.29	1.11	1.38	0.882	0.770	0.781	1.27	0.974	2.15	1974
1975	0.988	1.47	2.82	7.92	2.19	0.884	0.731	0.875	0.890	0.735	0.970	1.58	1.82	1975
1976	---	---	8.04	3.20	2.84	1.28	1.16	0.782	1.33	1.52	1.80	0.937	---	1976
1977	1.03	1.14	7.80	2.68	0.859	0.592	0.717	1.68	2.20	3.08	3.00	2.98	2.31	1977
1978	1.98	1.42	3.28	9.87	2.82	1.42	0.835	0.888	1.38	1.23	1.38	1.35	2.27	1978
1979	1.28	0.955	5.74	4.71	2.74	1.05	0.781	1.01	0.881	1.38	2.22	3.12	2.16	1979
1980	1.58	0.894	3.48	4.80	1.68	1.04	3.42	1.36	1.36	1.80	1.82	2.37	2.12	1980
1981	1.11	5.47	2.84	2.40	2.07	1.17	0.781	1.32	1.85	2.02	2.43	1.72	2.05	1981
1982	1.41	1.13	5.32	8.48	1.53	1.88	1.17	0.944	0.888	1.11	2.78	3.47	2.52	1982
1983	1.70	2.08	2.81	3.42	3.28	1.34	0.557	0.852	1.11	1.32	2.03	1.88	1.84	1983
1984	---	5.94	3.89	4.81	1.83	1.25	0.728	0.880	1.22	1.15	1.82	2.38	---	1984
MEAN	1.44	1.88	4.32	5.75	2.21	1.18	1.02	0.908	1.08	1.29	1.78	1.81	2.02	MEAN

LOCATION - LAT 44 09 08 N, LONG 79 54 08 W. DRAINAGE AREA, 211 km². NATURAL FLOW.

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

BOYNE RIVER AT EARL ROWE PARK - STATION NO. 02ED102

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
		15.3 ON APR 18	0.442 ON JUL 16	58 900	
1970	41.1 AT 22:30 EST ON APR 8	31.1 ON APR 8	0.113 ON JAN 22 *	58 300	1970
1971	38.6 E AT 10:00 EST ON APR 13	24.8 E ON APR 13	0.405 ON AUG 22	49 500	1971
1972	46.3 E AT 06:37 EST ON APR 19	32.0 E ON APR 19	0.488 ON AUG 2	58 900	1972
1973	28.7 AT 15:12 EST ON MAR 8	18.0 ON APR 2	0.374 ON JUL 23	62 800	1973
1974	98.3 AT 02:00 EST ON MAR 5	44.5 ON MAR 5	0.442 ON AUG 28	57 800	1974
1975	122 AT 12:50 EST ON APR 19 *	85.0 ON APR 19 *	0.283E ON JUL 1	57 500	1975
1976	80.6 AT 11:45 EST ON MAR 22	65.1 ON MAR 22	---	---	1976
1977	48.4 AT 17:15 EST ON MAR 13	36.8 ON MAR 13	0.385 ON JUN 23	72 800	1977
1978	26.1 AT 04:34 EST ON APR 12	22.0 ON APR 12	0.411 ON JUL 30	71 800	1978
1979	---	18.7 E ON APR 14	0.487 ON JUL 17	88 200	1979
1980	---	23.5 E ON MAR 21	0.587 ON JUL 14	87 100	1980
1981	24.2 AT 21:41 EST ON FEB 15	21.5 ON FEB 15	0.483 ON JUL 25	64 800	1981
1982	70.8 AT 00:10 EST ON APR 1	61.0 E ON MAR 31	0.472 ON JUL 10	79 200	1982
1983	9.85 AT 18:40 EST ON APR 10	8.89 ON MAR 20	0.388 ON JUL 16	58 000	1983
1984	---	30.0 E ON FEB 14	0.475 ON JUL 27	---	1984
				83 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

BRIGHTSAND RIVER AT MOBERLEY - STATION NO. 04GB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	20.3	14.7	---	---	---	---	---	1969
1970	---	---	---	---	---	35.1	14.7	---	---	---	---	---	---	1970
1971	---	---	---	---	---	---	8.78	4.58	6.84	---	28.1	---	---	1971
1972	---	4.80	5.20	8.38	13.2	11.0	10.8	8.81	5.58	9.03	8.15	8.95	---	1972
1973	---	---	---	---	---	---	---	---	---	0.487	1.28	---	---	1973
1974	---	---	---	---	11.3	10.5	12.7	8.10	14.3	12.0	10.1	8.58	---	1974
1975	8.73	5.00	3.75	8.01	15.7	30.3	16.5	9.81	8.15	8.89	8.52	8.10	9.88	1975
1976	4.36	3.81	4.40	8.85	22.2	11.8	8.30	11.4	12.8	7.78	8.26	7.81	9.32	1976
1977	8.85	5.45	4.74	8.85	11.8	8.50	3.48	3.73	7.83	10.3	8.89	8.88	8.94	1977
1978	8.41	4.80	8.08	10.1	12.8	11.1	8.08	4.18	1.83	1.89	2.80	3.27	8.03	1978
1979	3.26	3.00	2.95	4.47	17.0	12.8	8.85	8.82	7.78	13 7	16.8	13.7	8.83	1979
1980	7.48	8.88	8.27	4.58	8.41	14.8	14.2	8.58	4.18	8.84	8.77	7.73	7.71	1980
1981	8.32	8.48	4.45	10.8	22.2	15.7	8.71	8.81	3.82	4.00	8.88	7.38	8.30	1981
1982														1982
1983														1983
1984														1984
MEAN	8.72	4.88	4.48	7.04	15.1	18.8	11.5	7.80	7.28	7.28	8.51	7.73	8.28	MEAN

LOCATION - LAT 48 37 25 N, LONG 80 34 18 W. DRAINAGE AREA, 1 170 km². NATURAL FLOW.

BRIGHTSAND RIVER AT MOBERLEY - STATION NO. 04GB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	18.5 AT 15:00 EST ON SEP 15	18.3 ON SEP 15	4.47E ON APR 13	312 000	1977
1978	39.1 AT 18:47 EST ON JUN 5 *	38.5 ON JUN 5 *	3.40E ON MAR 24	284 000	1978
1979	28.0 AT 16:41 EST ON MAY 16	27.4 ON MAY 16	3.43 ON FEB 13		1979
1980	15.5 AT 15:11 EST ON MAY 1	15.3 ON MAY 2	2.89 ON JUL 15	220 000	1980
1981	16.5 AT 15:30 EST ON MAY 2	15.4 ON MAY 2	1.32 ON SEP 25 *	190 000	1981
1982	21.3 AT 18:37 EST ON MAY 21	21.0 ON MAY 22	2.83E ON MAR 9	304 000	1982
1983	19.4 AT 18:43 EST ON JUL 9	19.0 ON JUL 9	2.85 ON SEP 7	243 000	1983
1984	25.6 AT 17:34 EST ON MAY 13	25.3 ON MAY 13	3.32 ON SEP 24	282 000	1984
				281 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

E - ESTIMATED

BRONTE CREEK AT PROGRESTON - STATION NO. 02HB018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	0.539	0.544	0.488	1.18	2.28	1.88	2.86	---	1977
1978	1.83	1.28	2.54	5.14	2.27	0.731	0.380	0.280	0.528	0.503	0.823	0.811	1.48	1978
1979	0.788	0.509	5.14	4.84	1.88	1.04	0.580	0.477	0.458	0.585	1.10	2.43	1.88	1979
1980	2.34	0.459	2.32	4.15	1.90	0.875	0.426	0.578	0.382	0.485	0.493	0.752	1.25	1980
1981	0.367	2.25	1.62	1.30	0.813	0.414	0.472	1.01	1.75	1.89	2.07	1.52	1.28	1981
1982	0.652	0.513	3.45	5.55	0.854	1.52	0.508	0.748	0.852	1.12	2.12	3.38	1.78	1982
1983	2.18	1.89	2.19	3.08	2.68	1.18	0.428	0.488	0.402	0.480	0.907	1.54	1.46	1983
1984	0.998	2.84	2.88	3.47	1.43	0.929	0.838	0.478	0.511	0.504	0.908	1.19	1.38	1984
MEAN	1.30	1.42	2.85	4.08	1.70	0.875	0.484	0.588	0.758	0.980	1.28	1.78	1.67	MEAN

LOCATION - LAT 43 23 55 N DRAINAGE AREA, 124 km^2
LONG 79 57 34 W REGULATED

BRONTE CREEK AT PROGRESTON - STATION NO. 02HB018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	4.87 AT 12:54 EST ON OCT 2	10.8 ON APR 2	0.201 ON JUL 25 *	47 000	1978
1979	13.4 AT 13:26 EST ON APR 2 12.6 AT 02:09 EST ON APR 15	12.0 ON APR 15	0.301 ON OCT 3	52 400	1979
1980	11.1 AT 15:35 EST ON MAR 21	8.48 ON MAR 21	0.324 ON JUL 26	38 400	1980
1981	7.38 AT 00:07 EST ON FEB 21	7.10 ON FEB 21	0.280 ON JUL 17	40 400	1981
1982	15.6 AT 08:04 EST ON APR 1 *	14.8 ON APR 1 *	0.309 ON JUL 15	56 000	1982
1983	5.48 AT 21:22 EST ON FEB 3	5.01 ON FEB 3	0.213 ON JUL 28	45 800	1983
1984	8.04 AT 05:14 EST ON APR 6	7.90 ON APR 6	0.280E ON AUG 27	43 800	1984
				48 400	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

E - ESTIMATED

BRONTE CREEK NEAR ZIMMERMAN - STATION NO. 02HB011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	0.193	0.383	0.484	---	1963
1964	0.696	0.444	3.39	3.71	2.35	0.789	1.28	1.38	0.884	0.802	0.748	1.89	1.52	1964
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	1.88	8.88	8.88	11.8	2.84	0.845	0.762	0.782	0.455	---	---	---	---	1966
1967	---	---	---	2.40	1.58	0.313	0.257	0.218	0.287	1.17	4.01	---	---	1967
1968	2.37	1.25	3.71	5.11	2.95	3.11	0.875	0.804	1.38	2.54	3.28	2.75	2.78	1968
1969	1.52	4.73	8.20	3.83	2.22	2.01	0.607	1.87	1.98	1.73	2.83	5.28	3.04	1969
	4.33	2.83	4.35	7.18	4.04	1.31	0.801	1.08	0.418	0.888	2.11	1.50	2.53	
1970	0.702	1.23	3.34	5.94	2.82	0.784	0.780	0.880	0.881	1.84	2.80	3.74	2.15	1970
1971	2.08	2.30	5.80	7.13	1.75	1.06	0.857	0.409	0.514	0.585	0.598	2.17	2.08	1971
1972	2.22	0.938	2.84	9.77	2.88	1.58	1.77	1.50	0.774	2.08	3.64	3.85	2.82	1972
1973	3.88	3.68	10.8	5.27	3.12	1.62	0.735	0.882	0.581	1.18	3.39	3.08	3.17	1973
1974	4.88	4.58	6.80	5.78	7.28	2.48	0.588	0.832	0.710	0.805	1.05	1.50	3.18	1974
1975	1.41	2.58	5.40	5.31	2.88	1.24	0.497	0.720	1.30	1.32	2.08	2.71	2.28	1975
1976	2.50	6.87	11.7	5.82	5.87	1.98	1.88	0.828	1.70	1.48	1.33	0.784	3.53	1976
1977	0.813	0.585	10.1	5.84	2.08	1.14	1.05	0.888	2.71	4.10	3.50	5.35	3.18	1977
1978	3.15	2.31	5.42	10.8	3.81	1.41	0.878	0.811	0.810	0.887	1.25	1.82	2.78	1978
1979	1.98	1.31	8.32	5.81	3.82	1.80	1.01	0.918	0.857	1.04	1.84	4.78	3.02	1979
1980	2.88	0.772	4.18	5.88	3.08	1.25	0.733	0.828	0.644	0.813	0.845	1.48	2.12	1980
1981	0.520	5.88	2.73	2.29	1.51	0.820	0.878	1.73	2.88	3.34	3.28	2.43	2.34	1981
1982	1.13	0.884	5.70	10.0	2.28	3.14	1.30	1.74	1.81	2.13	3.58	5.84	3.32	1982
1983	3.81	4.70	4.21	5.70	5.07	2.21	0.784	0.888	0.718	1.01	2.02	3.14	2.85	1983
1984	1.42	5.87	4.60	8.43	2.82	1.82	1.12	0.748	0.882	0.883	1.44	1.90	2.47	1984
MEAN	2.33	3.14	5.08	6.78	3.19	1.82	1.03	0.950	1.08	1.35	2.03	2.91	2.88	MEAN

LOCATION - LAT 43 26 13 N DRAINAGE AREA, 235 km^2
LONG 79 51 52 W REGULATED

BRONTE CREEK NEAR ZIMMERMAN - STATION NO. 02HB011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	19.9 AT 08:40 EST ON JUL 13	8.66 ON APR 30	0.268 ON JUL 8	48 000	1984
1985	28.5 AT 04:00 EST ON APR 12	26.3 ON APR 12	---	---	1985
1986	---	---	---	---	1986
1987	32.6 AT 00:15 EST ON APR 3	21.7 ON APR 3	0.328 ON SEP 7	86 800	1987
1988	32.58 AT 18:30 EST ON MAR 16	16.7 B ON FEB 4	0.328 ON AUG 5	98 200	1988
1989	27.88 AT 19:20 EST ON JAN 30	13.6 ON APR 19	0.361 ON SEP 22	80 000	1989
1970	13.9 AT 15:00 EST ON APR 2	8.76 ON APR 4	0.334 ON AUG 18	67 300	1970
1971	16.7 AT 20:15 EST ON APR 2	14.6 ON APR 2	0.266 ON AUG 9 *	65 700	1971
1972	25.3 AT 09:12 EST ON APR 14	24.0 ON APR 14	0.535 ON SEP 5	89 000	1972
1973	23.9 AT 12:47 EST ON MAR 14	18.7 ON MAR 17	0.374 ON SEP 13	98 900	1973
1974	25.5 AT 01:44 EST ON MAR 5	22.7 B ON JAN 27	0.416 ON AUG 29	89 300	1974
1975	19.18 AT 21:23 EST ON FEB 24	13.0 B ON FEB 25	0.385 ON AUG 2	71 900	1975
1976	26.2 AT 15:49 EST ON MAR 21	25.1 ON MAR 21	0.493 ON SEP 8	112 000	1976
1977	34.0 AT 23:23 EST ON SEP 24 *	28.8 ON MAR 13	0.4458 ON FEB 7	100 000	1977
1978	25.4 AT 15:38 EST ON APR 1	20.4 ON APR 2	0.395 ON JUL 26	87 000	1978
1979	25.3 AT 19:50 EST ON APR 14	22.5 ON APR 15	0.585 ON SEP 28	85 200	1979
1980	22.8 AT 19:44 EST ON APR 14	17.0 B ON MAR 21	0.489 ON SEP 12	67 000	1980
1981	---	22.0 B ON FEB 20	0.436 ON JUL 17	73 800	1981
1982	30.6 AT 07:15 EST ON APR 1	28.7 ON APR 1 *	0.7908 ON FEB 14	105 000	1982
1983	19.3 AT 10:26 EST ON FEB 3	15.1 ON FEB 3	0.416 ON SEP 15	69 800	1983
1984	20.1 AT 09:40 EST ON APR 5	16.1 ON APR 6	0.480 ON AUG 27	78 000	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		84 900	MEAN

BROUGHAM CREEK AT BROUGHAM - STATION NO. 02HC044

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	0.004	0	0	0	0	---	---	1974
1975	0.002	0.081	0.047	0.041	0.008	0	0	0	0	0	0	0.001	0.015	1975
1976	0	0.077	0.135	0.029	0.026	0.003	---	---	---	---	---	---	---	1976
MEAN	0.001	0.078	0.091	0.035	0.016	0.002	0.002	0	0	0	0	0.001	0.015	MEAN

LOCATION - LAT 43 54 57 N, LONG 78 08 23 W DRAINAGE AREA, 3.83 km^2, NATURAL FLOW

BROUGHAM CREEK AT BROUGHAM - STATION NO. 02HC044

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	0 ON JUN 27 *	---	1974
1975	4.08 AT 19:02 EST ON FEB 24 *	1.57 ON FEB 24 *	0 ON JAN 1	482	1975
1976	---	0.796 ON MAR 20	0 ON JAN 1	---	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		482	MEAN

BURNLEY CREEK ABOVE WARKWORTH - STATION NO. 02HK009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	0.271	0.408	0.374	0.888	0.887	0.841	---	1983
1984	0.488	1.82	1.17	1.82	1.26	0.712	0.415	0.552	0.534	0.438	0.678	0.774	0.881	1984
MEAN	0.488	1.82	1.17	1.82	1.26	0.712	0.343	0.480	0.454	0.663	0.783	0.858	0.881	MEAN

LOCATION - LAT 44 11 45 N, LONG 77 54 42 W DRAINAGE AREA, 62.3 km^2, REGULATED

BURNLEY CREEK ABOVE WARKWORTH - STATION NO. 02HK009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	0.174 ON SEP 14 *	---	1983
1984	18.5 AT 23:55 EST ON FEB 14 *	10.8 ON FEB 15 *	0.367 ON JUL 28	27 900	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		27 900	MEAN

BURNT RIVER NEAR BURNT RIVER - STATION NO. 02HF003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	10.5	11.8	15.6	11.7	---	1982
1983	6.95	5.63	14.0	35.9	24.7	9.89	9.15	6.70	6.86	5.50	7.86	8.17	11.8	1983
1984	8.86	8.06	13.7	34.4	29.1	11.5	9.39	7.02	5.01	3.25	3.34	11.0	11.9	1984
1985	10.8	10.2	9.16	55.0	32.1	9.54	6.63	5.49	7.85	25.0	30.3	33.9	19.6	1985
1986	21.3	12.2	21.3	28.5	26.2	25.1	8.85	7.39	5.78	5.84	20.4	48.5	19.2	1986
1987	15.1	13.3	10.4	51.3	24.0	41.2	31.8	11.2	13.5	33.7	49.6	32.6	27.3	1987
1988	18.8	24.8	22.9	33.1	9.03	9.01	6.06	8.33	7.37	5.76	7.38	14.1	14.0	1988
1989	10.4	12.6	15.1	50.2	46.7	16.8	12.4	7.58	7.47	8.77	12.7	10.5	17.5	1989
1970	5.85	8.02	5.50	48.2	23.8	9.02	13.5	7.49	8.54	10.9	19.3	19.4	14.6	1970
1971	11.5	9.78	15.5	76.2	28.4	10.7	9.55	9.30	7.63	5.27	4.84	11.8	16.6	1971
1972	11.0	8.86	8.23	58.2	48.1	29.6	14.4	10.4	9.72	16.1	24.9	19.5	21.4	1972
1973	27.0	24.3	61.6	45.6	27.8	13.7	10.4	7.34	5.78	6.25	11.7	17.2	21.8	1973
1974	18.1	17.1	23.4	68.3	80.5	12.3	10.8	8.67	12.2	21.3	33.9	21.5	26.3	1974
1975	15.1	11.2	20.3	55.5	28.3	13.5	10.1	8.04	5.12	5.43	5.81	14.4	15.9	1975
1976	9.40	10.6	45.2	73.5	24.7	7.84	12.6	8.08	7.65	9.08	7.91	8.61	18.7	1976
1977	5.84	5.32	31.6	28.5	9.01	5.65	4.26	5.38	4.27	10.4	21.7	27.3	13.3	1977
1978	18.0	11.3	8.74	53.9	40.8	8.74	8.31	5.77	8.73	11.0	14.5	18.9	17.2	1978
1979	17.1	11.3	44.6	81.2	31.7	14.2	8.97	7.19	7.71	13.6	23.7	40.0	23.6	1979
1980	25.8	8.34	24.1	65.8	15.8	13.4	18.2	13.5	11.2	15.8	23.2	21.1	21.4	1980
1981	10.4	36.6	27.8	45.9	24.6	10.8	10.1	7.40	19.9	17.4	15.8	13.6	19.8	1981
1982	10.1	8.77	12.0	75.1	18.6	22.2	8.45	5.86	8.28	12.5	33.0	57.6	22.0	1982
1983	29.2	14.2	20.8	34.8	64.2	15.6	7.13	7.13	6.15	6.36	10.3	13.8	19.1	1983
1984	8.47	24.6	24.0	54.3	23.4	10.2	8.23	8.87	9.46	7.42	16.3	22.0	17.9	1984
MEAN	14.1	13.4	21.8	51.3	30.1	14.5	11.0	7.78	8.59	11.5	18.0	21.6	18.7	MEAN

LOCATION - LAT 44 42 03 N DRAINAGE AREA, 1 270 km²
LONG 78 40 40 W REGULATED

BURNT RIVER NEAR BURNT RIVER - STATION NO. 02HF003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	---	97.48 ON MAR 31	1.74 ON OCT 27	372 000	1983
1984	66.3 AT 16:00 EST ON APR 16	64.8 ON APR 16	2.29 ON OCT 27	376 000	1984
1985	89.7 AT 23:15 EST ON APR 12	93.4 ON APR 13	4.19 ON JUN 29	624 000	1985
1986	101 AT 11:30 EST ON DEC 9	100 ON DEC 9	3.06 ON OCT 30	605 000	1986
1987	91.2 AT 11:55 EST ON JUN 26	90.9 ON JUN 26	7.67 B ON MAR 26	881 000	1987
1988	83.6 AT 10:50 EST ON APR 1	81.6 ON APR 1	3.06 ON OCT 19	443 000	1988
1989	101 AT 18:35 EST ON MAY 20	96.3 ON MAY 20	4.87 ON OCT 19	551 000	1989
1970	86.8 AT 04:38 EST ON APR 25	87.8 ON APR 25	3.57 B ON JAN 21	492 000	1970
1971	131 AT 01:34 EST ON APR 21	130 ON APR 20	3.57 ON NOV 5	522 000	1971
1972	115 AT 16:55 EST ON APR 21	115 ON APR 21	6.37 B ON MAR 21	877 000	1972
1973	126 B AT 21:24 EST ON MAR 13	124 B ON MAR 13	4.11 ON SEP 12	680 000	1973
1974	133 AT 00:26 EST ON MAY 16	131 ON MAY 16	3.00 ON AUG 9	798 000	1974
1975	119 AT 08:30 EST ON APR 25	118 ON APR 25	3.09 ON AUG 8	501 000	1975
1976	181 AT 08:28 EST ON APR 3 *	188 ON APR 3 *	2.47 ON JUN 8	593 000	1976
1977	---	70.58 ON MAR 18	0.988 ON AUG 31 *	421 000	1977
1978	95.4 AT 15:00 EST ON APR 21	96.6 ON APR 21	3.71 ON AUG 13	541 000	1978
1979	120 AT 10:42 EST ON APR 4	120 ON APR 4	4.30 ON AUG 15	741 000	1979
1980	119 AT 14:38 EST ON APR 15	117 ON APR 15	3.34 ON AUG 22	677 000	1980
1981	145 B AT 21:15 EST ON FEB 25	140 B ON FEB 25	4.85 ON AUG 27	826 000	1981
1982	155 AT 15:59 EST ON APR 18	148 ON APR 19	3.41 ON AUG 17	719 000	1982
1983	136 AT 18:08 EST ON MAY 9	130 ON MAY 9	2.87 ON OCT 2	804 000	1983
1984	96.5 AT 19:48 EST ON APR 7	95.0 ON APR 7	4.43 ON OCT 6	587 000	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		589 000	MEAN

CANAGAGIGUE CREEK NEAR ELMIRA - STATION NO. 02GA023

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	---	---	---	0.396	1.33	---	1956
1957	---	---	---	---	0.812	0.638	0.286	0.111	0.170	---	---	2.35	---	1957
1958	0.450	0.271	1.82	0.834	0.175	0.116	0.154	0.185	0.325	0.181	0.645	0.186	0.451	1958
1959	0.285	0.333	2.49	7.59	0.941	0.125	0.125	0.070	0.051	0.261	1.05	1.08	1.20	1959
1960	0.689	0.883	1.40	7.80	3.48	0.892	0.301	0.162	0.137	0.163	0.260	0.145	1.35	1960
1961	0.177	1.43	1.54	1.09	0.904	0.418	0.162	0.167	0.177	0.148	0.281	0.584	0.583	1961
1962	---	---	---	---	---	0.143	0.123	0.121	0.120	0.286	0.578	0.833	---	1962
1963	0.689	0.333	3.78	1.03	0.768	0.139	0.123	0.108	0.128	0.129	0.222	0.173	0.838	1963
1964	0.884	0.281	2.73	1.86	0.821	0.210	0.177	1.78	0.290	0.209	0.233	0.891	0.844	1964
1965	0.928	2.88	1.73	5.25	0.894	0.218	0.280	0.150	0.203	1.20	2.12	3.15	1.67	1965
1966	1.02	1.44	3.38	1.78	0.811	1.25	0.141	0.155	0.162	0.193	0.476	1.75	1.04	1966
1967	1.48	0.887	3.04	4.70	0.781	2.00	1.33	0.321	0.339	1.62	2.54	3.04	1.68	1967
1968	0.374	2.28	4.88	1.38	0.471	0.363	1.28	1.29	1.12	2.18	1.45	1.43	1.43	1968
1969	1.20	1.18	4.86	5.09	1.78	0.483	0.321	0.265	0.218	0.307	0.804	0.385	1.37	1969
1970	0.181	0.378	1.01	5.33	1.38	0.394	0.415	0.246	0.585	1.01	1.85	1.67	1.20	1970
1971	0.850	0.881	1.50	7.15	0.578	0.893	0.881	0.373	0.262	0.285	0.313	1.01	1.16	1971
1972	0.885	0.830	1.81	8.20	0.648	0.578	0.385	0.212	0.254	0.621	0.935	1.42	1.34	1972
1973	1.87	1.25	5.84	1.80	1.18	0.880	0.371	0.372	0.264	0.285	0.935	0.785	1.39	1973
1974	1.80	0.895	3.99	3.56	3.29	0.514	0.391	0.320	0.298	0.489	0.451	0.271	1.33	1974
1975	0.572	1.30	2.58	5.10	0.814	1.08	0.705	0.867	0.630	0.902	0.831	2.19	1.48	1975
1976	0.815	3.75	7.80	2.77	1.87	0.880	0.788	1.28	0.506	0.719	0.793	0.584	1.73	1976
1977	0.189	0.222	5.15	1.70	0.353	0.310	0.303	0.306	1.11	1.82	1.51	1.40	1.27	1977
1978	0.879	0.388	1.28	7.78	0.880	0.483	0.383	0.277	0.389	0.452	0.484	0.803	1.20	1978
1979	0.787	0.348	5.78	4.00	1.05	0.520	0.488	0.480	0.470	0.471	0.821	2.90	1.82	1979
1980	1.34	0.300	2.48	2.74	0.935	0.752	0.333	0.248	0.884	1.02	0.882	1.49	1.10	1980
1981	0.582	4.14	1.18	0.833	0.911	0.479	0.408	0.488	1.35	1.83	1.84	1.05	1.23	1981
1982	0.543	0.347	3.28	5.37	0.501	0.831	0.510	1.00	1.27	0.788	2.48	5.85	1.68	1982
1983	1.38	1.30	1.18	2.24	3.47	0.979	0.408	0.421	0.482	0.580	1.73	1.57	1.31	1983
1984	0.484	4.08	3.29	1.88	0.718	0.983	0.640	0.419	0.590	0.543	1.38	2.82	1.44	1984
MEAN	0.780	1.18	3.11	3.79	1.13	0.802	0.380	0.436	0.489	0.882	1.02	1.47	1.27	MEAN

LOCATION - LAT 43 34 46 N DRAINAGE AREA, 118 km²
LONG 80 30 30 W REGULATED

CANAGAGIGUE CREEK NEAR ELMIRA - STATION NO. 02GA023

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	9.57 AT 22:00 EST ON MAR 27	8.48 ON MAR 27	0.042 ON AUG 8	14 200	1958
1959	34.0 AT 23:00 EST ON APR 5	28.8 ON APR 2	0.011 ON AUG 12 *	37 800	1959
1960	35.1 B AT 23:45 EST ON APR 3	27.3 B ON APR 4	0.091 ON SEP 11	42 700	1960
1961	21.8 AT 20:00 EST ON FEB 23	12.8 ON FEB 24	0.074 ON SEP 18	18 400	1961
1962	48.4 AT 23:30 EST ON MAR 29	27.4 ON MAR 30	---	---	1962
1963	31.1 AT 21:00 EST ON MAR 25	23.2 ON MAR 26	0.074 ON AUG 5	20 100	1963
1964	14.2 AT 17:00 EST ON MAR 5	10.4 ON MAR 5	0.102 ON JUL 2	26 700	1964
1965	53.2 AT 20:00 EST ON APR 7	28.8 ON FEB 10	0.091 ON AUG 8	49 400	1965
1966	15.2 AT 21:00 EST ON MAR 13	11.9 ON JUN 14	0.082 ON JUL 31	32 600	1966
1967	52.4 AT 03:15 EST ON APR 3	27.5 ON APR 3	0.147 ON SEP 17	58 600	1967
1968	28.2 AT 08:00 EST ON NOV 29	18.7 ON NOV 29	0.1508 ON JAN 26	45 100	1968
1969	39.8 AT 03:30 EST ON MAR 21	26.8 ON MAR 21	0.170 ON SEP 2	43 200	1969
1970	26.3 AT 02:44 EST ON APR 9	24.0 ON APR 9	0.1648 ON JAN 14	37 900	1970
1971	26.8 AT 00:05 EST ON APR 10	19.8 ON APR 13	0.150 ON JUL 15	36 400	1971
1972	46.7 AT 03:29 EST ON APR 17	31.4 ON APR 13	0.1432 ON AUG 11	42 300	1972
1973	43.8 AT 18:14 EST ON MAR 11	30.2 ON MAR 7	0.167 ON AUG 9	44 000	1973
1974	81.2 AT 06:59 EST ON MAY 17	39.8 ON MAY 17	0.1168 ON FEB 21	42 000	1974
1975	80.1 AT 08:51 EST ON APR 19 *	48.3 ON APR 19 *	0.180 ON JUN 2	46 500	1975
1976	38.0 AT 05:39 EST ON MAR 21	27.6 ON MAR 21	0.2418 ON DEC 14	54 600	1976
1977	26.8 AT 10:08 EST ON MAR 13	24.4 ON MAR 13	0.0858 ON JAN 23	40 200	1977
1978	26.3 AT 22:00 EST ON APR 11	21.8 ON APR 11	0.228 ON AUG 5	37 800	1978
1979	42.4 AT 10:05 EST ON APR 14	33.3 ON APR 14	0.3288 ON FEB 20	47 800	1979
1980	33.2 AT 15:34 EST ON MAR 21	22.5 ON MAR 21	0.133 ON AUG 10	34 800	1980
1981	21.3 AT 17:27 EST ON FEB 23	18.5 ON FEB 23	0.312 ON JUL 27	38 800	1981
1982	37.8 AT 20:53 EST ON MAR 31	32.8 ON MAR 31	0.3238 ON FEB 11	59 300	1982
1983	22.2 AT 00:33 EST ON MAY 3	14.7 ON MAY 3	0.333 ON AUG 8	41 300	1983
1984	33.7 AT 00:24 EST ON MAR 22	17.1 ON MAR 22	0.255 ON AUG 8	45 400	1984
				39 900	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CANAGAGIGUE CREEK NEAR FLORADALE - STATION NO. 02GA038

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	0	0.017	0.143	0.317	0.282	---	1970
1971	0.051	0.035	0.301	1.51	0.028	0.025	0.020	0.008	0.001	0	0.004	0.206	0.182	1971
1972	0.180	0.027	0.282	2.05	0.053	0.068	0.018	0.004	0.003	0.097	0.225	0.357	0.278	1972
1973	0.528	0.087	1.78	0.243	0.198	0.035	0	0.004	0	0	0.187	0.126	0.267	1973
1974	0.234	0.104	0.848	0.814	0.844	0.020	0.003	0	0	0	0.019	0.007	0.208	1974
1975	0.159	0.227	0.880	1.20	0.034	0.098	0	0.064	0.132	0.052	0.120	0.374	0.281	1975
1976	0.075	0.453	1.42	0.405	0.200	0.058	0.074	0.002	0.013	0.053	0.100	0.052	0.242	1976
1977	0.017	0.014	1.41	0.199	0.010	0.001	0.018	0.018	0.227	0.286	0.234	0.223	0.322	1977
1978	0.033	0.007	0.082	1.35	0.084	0.009	0	0	0.026	0.038	0.058	0.085	0.145	1978
1979	0.086	0.014	1.75	0.711	0.087	0.007	0.003	0	0	0.008	0.391	0.651	0.310	1979
1980	0.108	0.002	1.04	0.553	0.125	0.132	0.027	0.070	0.089	0.188	0.107	0.284	0.224	1980
1981	0.024	0.784	0.191	0.184	0.118	0.034	0.008	0.025	0.180	0.339	0.225	0.123	0.179	1981
1982	0.027	0.002	0.731	1.19	0.053	0.158	0.004	0.015	0.052	0.038	0.614	0.857	0.329	1982
1983	0.104	0.327	0.341	0.471	0.594	0.060	0	0	0.025	0.080	0.114	0.301	0.201	1983
1984	0.017	1.09	1.70	0.308	0.088	0.086	0.019	0.001	0.007	0.004	0.187	0.581	0.338	1984
MEAN	0.115	0.228	0.880	0.798	0.185	0.057	0.014	0.014	0.049	0.088	0.208	0.297	0.242	MEAN

LOCATION - LAT 43 40 12 N DRAINAGE AREA, 17.9 km²
LONG 80 35 48 W NATURAL FLOW

CANAGAGIGUE CREEK NEAR FLORADALE - STATION NO. 02GA038

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	---	---	---	---	1970
1971	7.56 AT 04:45 EST ON APR 13	5.15 ON APR 13	0 ON JUN 24 *	5 730	1971
1972	19.4 AT 21:17 EST ON APR 16	8.35 ON APR 17	0.001 ON AUG 31	8 730	1972
1973	20.8 AT 13:18 EST ON MAR 11	8.31 ON MAR 11	0 ON JUN 11	8 420	1973
1974	24.0 AT 00:50 EST ON MAY 17	8.91 ON MAY 17	0 ON JUL 12	8 560	1974
1975	27.8 AT 00:01 EST ON APR 19 *	8.78 ON APR 19	0 ON JUL 1	8 230	1975
1976	11.8 B AT 17:30 EST ON MAR 24	8.808 ON MAR 20	0 ON JUN 10	7 880	1976
1977	14.8 B AT 03:49 EST ON MAR 13	8.418 ON MAR 13	0 ON MAY 28	7 010	1977
1978	10.3 AT 12:40 EST ON APR 11	6.56 ON APR 11	0 ON JUN 29	4 580	1978
1979	11.1 E AT 15:00 EST ON APR 14	9.00E ON APR 14	0 ON JUN 15	9 780	1979
1980	20.0 AT 12:10 EST ON MAR 21	8.32 ON MAR 21	0 ON JUN 28	7 070	1980
1981	---	4.40B ON FEB 23	0 ON JUN 19	5 640	1981
1982	---	12.0 B ON MAR 31 *	0.001 ON JUL 11	10 400	1982
1983	8.12 AT 18:36 EST ON MAY 2	3.28 ON MAY 2	0 ON JUN 21	3 350	1983
1984	15.4 AT 16:03 EST ON MAR 21	8.55 ON MAR 21	0 ON JUL 27	10 800	1984
				7 830	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

CANARD RIVER NEAR LUKERVILLE - STATION NO. 02GH003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	---	---	0.187	0.064	---	1976
1977	0.012	0.305	5.09	6.75	0.603	0.288	0.001	0.022	1.99	1.43	0.358	5.34	1.88	1977
1978	0.170	0.283	5.84	4.38	0.823	0.237	0.078	0.007	0.010	0.018	0.182	0.280	0.893	1978
1979	0.308	0.836	3.81	4.78	0.987	0.242	0.226	0.003	0.050	0.083	0.478	2.85	1.19	1979
1980	0.811	0.187	4.02	2.76	0.545	3.71	0.325	0.780	0.471	0.130	0.214	0.475	1.18	1980
1981	0.078	8.35	0.845	2.83	1.56	1.78	3.32	0.200	3.19	4.40	0.626	0.373	2.10	1981
1982	1.68	0.731	10.8	2.77	0.174	0.158	0.085	0.029	0.030	0.027	2.12	5.32	2.02	1982
1983	0.283	1.11	0.873	3.37	3.69	1.10	1.47	1.73	0.219	0.734	4.46	4.17	1.98	1983
1984	0.084	3.81	8.33	1.38	0.922	0.618	0.032	0.081	0.131	0.485	1.10	3.48	1.52	1984
MEAN	0.402	1.84	4.85	3.84	1.16	1.02	0.889	0.353	0.758	0.817	1.08	2.48	1.80	MEAN

LOCATION - LAT 42 08 33 N DRAINAGE AREA, 188 km²
LONG 83 01 05 W NATURAL FLOW

CANARD RIVER NEAR LUKERVILLE - STATION NO. 02GH003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1976	0.314 AT 17:01 EST ON NOV 27	---	---	---	1976
1977	---	56.6E ON APR 25	0 B ON JAN 20 *	58 600	1977
1978	---	59.7E ON MAR 22 *	0.006 ON AUG 4	31 200	1978
1979	---	24.5E ON DEC 25	0.001E ON SEP 1	37 600	1979
1980	---	18.5 ON JUN 8	0.010E ON JUL 22	37 400	1980
1981	34.9 AT 12:30 EST ON OCT 2	30.4 ON OCT 2	0.026B ON JAN 23	68 400	1981
1982	---	58.0B ON MAR 14	0.004 ON OCT 13	63 800	1982
1983	42.7 AT 18:27 EST ON MAY 2	38.1 ON MAY 2	0.011 ON JUN 25	61 900	1983
1984	54.7 AT 22:10 EST ON MAR 21 *	38.2 ON MAR 21	0.014 ON AUG 12	48 100	1984
				50 800	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

CARP RIVER NEAR KINBURN - STATION NO. 02KF011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	---	---	0.289	0.370	2.35	---	1971
1972	0.748	0.375	0.439	24.9	5.72	1.13	1.79	2.14	0.429	2.87	5.70	2.54	4.03	1972
1973	3.03	2.88	18.6	9.82	3.84	2.03	0.518	0.278	0.140	0.348	1.01	1.29	3.81	1973
1974	1.32	1.83	7.26	16.5	7.41	1.13	0.321	0.170	0.042	0.103	0.751	1.51	3.17	1974
1975	1.83	0.701	5.09	17.0	1.74	0.744	0.085	0.051	0.082	0.283	0.822	1.70	2.51	1975
1976	0.287	0.344	11.6	13.6	5.71	2.27	1.98	0.502	0.897	2.19	1.75	0.419	3.47	1976
1977	0.201	0.179	13.0	7.56	1.04	0.245	0.143	0.087	0.333	2.37	2.53	3.29	2.80	1977
1978	3.88	2.84	2.03	25.2	2.06	0.925	0.184	0.083	0.055	0.083	0.237	0.212	3.11	1978
1979	0.289	0.217	11.8	10.5	2.65	0.723	0.330	0.101	0.086	1.06	2.03	4.74	2.80	1979
1980	1.26	0.128	8.86	7.33	2.06	0.331	0.281	0.139	0.388	1.20	1.45	1.66	2.19	1980
1981	0.318	13.6	3.08	3.54	2.27	4.70	0.771	0.589	3.06	5.36	3.96	1.27	3.46	1981
1982	0.476	0.278	2.15	17.2	1.75	0.998	0.249	0.072	0.192	0.329	1.82	4.83	2.52	1982
1983	1.56	0.773	8.17	9.84	7.88	0.924	0.132	0.098	0.044	0.232	2.52	2.00	2.84	1983
1984	0.588	4.14	3.67	22.2	4.98	0.895	0.191	1.04	0.413	0.456	1.54	2.15	3.48	1984
MEAN	1.23	2.11	7.42	14.2	3.75	1.32	0.534	0.411	0.474	1.21	1.89	2.14	3.07	MEAN

LOCATION - LAT 45 25 03 N DRAINAGE AREA, 269 km²
LONG 75 11 55 W NATURAL FLOW

CARP RIVER NEAR KINBURN - STATION NO. 02KF011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	---	85.08 ON APR 18 *	0.272 ON SEP 26	127 000	1972
1973	---	50.48 ON MAR 18	0.098 ON SEP 8	114 000	1973
1974	---	51.08 ON APR 5	0.025 ON SEP 9	99 800	1974
1975	77.68 AT 22:56 EST ON APR 19 *	72.2 ON APR 20	0.013 ON SEP 1	79 000	1975
1976	---	56.9 ON APR 1	0.187 ON AUG 7	110 000	1976
1977	---	51.08 ON MAR 15	0.054 ON AUG 4	82 100	1977
1978	66.58 AT 21:00 EST ON APR 15	54.88 ON APR 15	0.014 ON OCT 8	97 900	1978
1979	---	55.88 ON MAR 26	0.004 ON AUG 30 *	91 400	1979
1980	---	51.08 ON MAR 23	0.011 ON AUG 19	68 300	1980
1981	81.0 AT 00:50 EST ON FEB 24	57.2 ON FEB 24	0.180 ON AUG 4	109 000	1981
1982	---	41.88 ON APR 1	0.011 ON AUG 22	79 300	1982
1983	---	36.08 ON MAR 20	0.020 ON SEP 4	89 500	1983
1984	81.3 AT 21:47 EST ON APR 8	58.1 ON APR 6	0.027 ON SEP 25	111 000	1984
				96 900	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CARRICK CREEK NEAR CARLSRUHE - STATION NO. 02FC011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	---	0.550	1.03	---	1953
1954	1.53	8.28	7.73	5.18	1.13	0.454	0.209	0.251	0.335	5.53	1.43	1.18	2.73	1954
1955	1.44	2.29	4.62	4.85	0.988	0.587	0.170	0.138	0.107	0.414	0.888	1.24	1.48	1955
1956	0.878	0.786	3.10	7.87	3.20	0.594	0.612	0.572	0.446	0.522	0.722	2.50	1.86	1956
1957	1.82	2.35	4.06	3.58	1.01	1.89	1.15	0.194	0.883	0.881	2.88	4.20	2.09	1957
1958	1.42	1.17	3.18	2.55	0.800	0.303	0.180	0.185	0.241	0.280	0.514	0.585	0.929	1958
1959	0.724	0.747	2.63	8.45	2.08	0.883	0.554	0.859	0.887	1.24	3.55	2.79	2.22	1959
1960	2.59	2.28	1.79	8.56	4.36	1.76	0.549	0.331	0.239	0.312	0.787	0.348	2.06	1960
1961	0.285	2.09	3.83	2.70	2.12	0.890	0.810	0.778	0.887	0.443	0.598	1.55	1.37	1961
1962	1.01	1.02	3.86	4.04	1.04	0.411	0.238	0.202	0.230	1.38	1.13	1.33	1.33	1962
1963	0.808	0.425	4.34	3.52	2.40	0.884	0.718	0.455	0.257	0.248	0.842	0.705	1.27	1963
1964	2.76	1.43	3.82	2.80	1.32	0.470	0.428	3.06	0.588	0.898	1.15	3.32	1.83	1964
1965	1.80	5.10	2.84	8.55	2.34	0.823	0.337	0.426	0.807	1.59	2.87	4.59	2.59	1965
1966	2.21	3.71	5.91	3.13	1.71	1.02	0.274	0.218	0.268	0.359	1.29	3.17	1.93	1966
1967	3.09	2.58	4.35	6.58	1.56	3.38	1.17	0.772	0.501	1.81	5.18	4.46	2.95	1967
1968	2.17	5.76	5.25	2.78	1.32	0.828	0.442	1.58	1.12	0.981	2.42	3.31	2.32	1968
1969	3.24	3.46	4.83	7.91	4.80	1.74	0.818	0.321	0.272	0.558	1.57	1.38	2.55	1969
1970	0.883	1.72	1.91	7.76	1.82	0.523	0.831	0.343	0.647	1.52	1.87	2.56	1.88	1970
1971	1.20	2.07	4.13	8.10	1.82	0.832	0.483	0.285	0.268	0.284	0.421	1.16	1.72	1971
1972	1.75	1.28	2.42	9.25	1.85	1.60	0.804	0.433	0.383	0.902	1.31	3.14	2.09	1972
1973	5.00	2.14	8.08	2.87	1.93	1.44	0.531	0.333	0.205	0.291	0.820	1.32	1.92	1973
1974	3.20	1.78	8.52	8.02	4.57	1.00	0.413	0.294	0.243	0.408	1.41	0.818	2.23	1974
1975	2.91	2.88	4.78	10.5	1.98	0.900	0.395	1.25	2.13	1.08	1.36	4.41	2.88	1975
1976	1.80	3.98	13.0	3.68	2.38	0.770	0.938	0.382	0.877	1.08	1.58	1.30	2.85	1976
1977	1.18	1.27	10.7	3.07	0.728	0.427	0.558	2.46	2.23	3.87	3.22	2.88	2.78	1977
1978	1.88	1.01	2.02	8.27	2.26	1.14	0.384	0.388	1.28	1.57	1.50	1.25	1.89	1978
1979	1.56	0.838	8.04	8.84	2.53	0.788	0.488	0.429	0.124	1.04	2.18	4.08	2.88	1979
1980	1.72	0.883	8.15	8.88	1.70	0.882	0.885	0.342	0.815	1.27	1.21	2.28	2.00	1980
1981	0.809	8.95	3.84	2.18	1.80	0.780	0.383	0.428	0.869	1.84	1.78	1.40	1.83	1981
1982	1.33	0.782	8.83	8.84	1.18	1.82	0.801	0.483	0.818	0.858	3.18	8.28	2.89	1982
1983	2.30	2.84	2.81	3.80	3.87	1.41	0.818	0.818	1.33	1.88	2.43	2.84	2.12	1983
1984	1.48	8.30	4.83	3.10	1.38	1.21	0.823	0.332	0.885	0.488	1.83	3.14	2.22	1984
MEAN	1.82	2.83	4.82	5.78	2.11	1.02	0.880	0.808	0.842	1.12	1.88	2.38	2.09	MEAN

LOCATION - LAT 44 08 47 N DRAINAGE AREA, 183 km²
LONG 81 01 12 W NATURAL FLOW

CARRICK CREEK NEAR CARLSRUHE - STATION NO. 02FC011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	35.4 ON OCT 15	0.142 ON JUL 19	86 200	1954
1955	---	19.3 ON MAR 11	0.085 ON JUL 14	48 500	1955
1956	---	27.0 ON APR 4	0.113 ON AUG 12	58 700	1956
1957	---	18.2 ON DEC 21	0.142 ON AUG 22	68 800	1957
1958	---	8.89 ON MAR 28	0.057 ON AUG 19 *	28 300	1958
1959	---	26.6 ON APR 2	0.227 ON AUG 8	70 100	1959
1960	---	28.4 ON APR 3	0.204 ON SEP 5	85 200	1960
1961	---	9.328 ON FEB 24	0.159 ON NOV 29	43 100	1961
1962	---	23.0 ON MAR 30	0.159 ON AUG 25	41 800	1962
1963	25.8 AT 04:00 EST ON MAR 27	24.7 ON MAR 27	0.176 ON SEP 18	46 100	1963
1964	36.0 AT 13:00 EST ON AUG 3	24.1 ON AUG 3	0.127 ON JUL 31	57 800	1964
1965	28.3 AT 10:00 EST ON APR 12	25.8 ON APR 12	0.224 ON AUG 1	81 700	1965
1966	18.68 AT 09:00 EST ON FEB 11	17.0 B ON FEB 11	0.142 ON AUG 1	50 800	1966
1967	25.5 AT 05:00 EST ON APR 3	21.8 ON APR 3	0.224 ON SEP 16	53 000	1967
1968	36.08 AT 13:30 EST ON FEB 2	32.6 B ON FEB 2	0.283 ON JUL 18	73 200	1968
1969	27.5 AT 09:16 EST ON APR 5	24.4 ON APR 5	0.212 ON SEP 4	80 300	1969
1970	22.8 AT 03:27 EST ON APR 15	20.5 ON APR 15	0.232 ON AUG 15	59 200	1970
1971	21.3 AT 11:00 EST ON APR 13	20.2 ON APR 13	0.204 ON AUG 20	54 300	1971
1972	33.1 AT 03:10 EST ON APR 15	30.0 ON APR 14	0.252 ON SEP 23	68 200	1972
1973	25.0 AT 00:00 EST ON JAN 1	17.2 ON JAN 1	0.133 ON SEP 8	60 500	1973
1974	36.1 AT 09:11 EST ON APR 4	30.0 ON APR 4	0.187 ON AUG 22	70 500	1974
1975	82.4 AT 08:18 EST ON APR 19 *	68.0 ON APR 19 *	0.261 ON AUG 18	80 200	1975
1976	58.1 AT 06:48 EST ON MAR 21	47.3 ON MAR 21	0.229 ON AUG 25	83 800	1976
1977	74.8 AT 11:53 EST ON MAR 13	65.4 ON MAR 13	0.170E ON JUL 30	68 600	1977
1978	22.2 AT 22:04 EST ON APR 11	19.9 ON APR 12	0.185 ON SEP 8	59 600	1978
1979	84.7 AT 11:10 EST ON APR 14	50.8 ON APR 14	0.062 ON SEP 22	63 900	1979
1980	39.6 AT 20:48 EST ON MAR 21	29.1 ON MAR 21	0.205 ON AUG 27	63 300	1980
1981	35.3 AT 07:45 EST ON FEB 23	26.5 ON FEB 23	0.141 ON AUG 23	57 600	1981
1982	60.2 AT 21:50 EST ON MAR 31	42.6 ON MAR 31	0.267 ON AUG 18	81 700	1982
1983	10.6 AT 00:05 EST ON MAY 3	8.21 ON MAY 3	0.207 ON SEP 13	66 900	1983
1984	---	33.0 B ON FEB 14	0.183A ON AUG 22	70 200	1984
				65 100	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CASTOR RIVER AT RUSSELL - STATION NO. 02LB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	---	5.39	1.59	0.317	0.241	0.088	0.017	0.120	0.726	---	---	1948
1949	---	---	---	22.9	1.86	0.475	0.156	0.196	0.313	0.376	0.892	---	---	1949
1950	---	---	---	36.4	0.815	---	---	---	---	---	---	---	---	1950
1951	---	---	26.4	23.5	0.345	---	---	---	---	---	---	---	---	1951
1952	---	---	---	---	---	---	---	---	---	---	---	---	---	1952
1953	---	---	---	4.63	1.08	---	---	---	---	---	---	---	---	1953
1954	---	---	---	---	---	---	---	---	---	---	---	---	---	1954
1955	---	---	8.00	38.7	---	---	---	---	---	---	---	---	---	1955
1956	---	---	0.533	27.8	---	---	---	---	---	---	---	---	---	1956
1957	---	---	8.85	5.40	---	---	---	---	---	---	---	---	---	1957
1958	---	---	12.6	12.1	---	---	---	---	---	---	---	---	---	1958
1959	---	---	3.26	29.4	---	---	---	---	---	---	---	---	---	1959
1960	---	---	2.45	43.9	---	---	---	---	---	---	---	---	---	1960
1961	---	---	10.2	11.7	---	---	---	---	---	---	---	---	---	1961
1962	---	---	7.78	24.0	---	---	---	---	---	---	---	---	---	1962
1963	---	---	8.68	23.2	---	---	---	---	---	---	---	---	---	1963
1964	---	---	13.2	11.2	---	---	---	---	---	---	---	---	---	1964
1965	---	---	5.78	11.6	---	---	---	---	---	---	---	---	---	1965
1966	---	---	15.7	6.84	---	---	---	---	---	---	---	---	---	1966
1967	---	---	4.08	26.2	---	---	---	---	---	---	---	5.36	---	1967
1968	0.835	0.889	23.0	9.70	1.98	1.48	3.25	0.311	1.28	0.800	2.83	3.11	4.08	1968
1969	1.06	1.88	11.5	30.7	4.87	1.49	0.629	0.422	0.183	0.214	1.69	2.84	5.11	1969
1970	0.193	0.841	1.07	39.9	4.41	0.388	0.295	0.186	0.387	1.48	5.14	3.16	4.72	1970
1971	1.88	0.851	0.886	44.4	4.84	0.485	0.220	0.271	0.358	0.411	0.867	3.11	4.78	1971
1972	1.30	0.895	2.23	52.9	5.50	5.32	14.0	5.33	0.909	5.70	10.0	4.07	8.00	1972
1973	7.81	5.15	45.0	12.8	8.99	8.53	0.577	4.50	0.598	1.77	2.99	4.58	8.45	1973
1974	4.40	4.44	13.8	26.1	10.9	1.84	0.584	0.599	0.285	0.291	1.23	3.85	5.72	1974
1975	4.31	1.80	12.3	26.1	1.87	0.594	0.255	0.152	1.04	2.78	4.23	8.80	5.33	1975
1976	1.11	2.84	31.2	19.4	6.97	2.45	1.45	0.685	0.861	3.92	2.78	1.03	5.15	1976
1977	0.452	0.388	31.0	11.8	1.82	0.428	0.676	0.386	0.852	7.34	8.37	6.88	5.75	1977
1978	8.22	3.27	8.80	46.9	3.19	1.53	0.385	0.312	0.287	0.311	0.533	0.886	5.80	1978
1979	0.480	0.405	23.1	12.8	2.61	1.14	0.431	0.335	0.808	1.67	5.23	9.87	4.84	1979
1980	2.17	0.323	15.6	14.7	3.73	0.898	0.359	0.380	0.868	3.83	3.90	3.83	4.11	1980
1981	0.724	28.2	5.42	8.35	8.05	8.20	1.84	4.65	13.5	9.48	7.87	2.21	7.48	1981
1982	1.48	0.727	5.84	31.3	1.84	0.827	0.457	0.805	0.648	0.797	3.06	11.6	4.88	1982
1983	3.88	3.89	15.7	15.9	11.3	1.98	0.380	0.200	0.181	0.857	8.08	8.88	5.20	1983
1984	1.81	8.52	7.71	34.0	7.49	1.43	0.401	0.888	0.438	0.373	0.825	2.57	5.48	1984
MEAN	2.44	3.88	13.4	23.0	4.43	1.95	1.40	1.12	1.24	2.12	3.87	4.88	5.77	MEAN

LOCATION - LAT 48 15 43 N
LONG 75 20 40 W
DRAINAGE AREA, 433 km^2
NATURAL FLOW

CASTOR RIVER AT RUSSELL - STATION NO. 02LB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1948	---	128 ON MAR 20	0 ON SEP 3 *	---	1948
1949	---	103 ON MAR 31	---	---	1949
1950	---	183 ON APR 5	---	---	1950
1951	---	143 ON MAR 31	---	---	1951
1952	---	109 ON APR 3	---	---	1952
1953	---	80.7 ON MAR 26	---	---	1953
1954	---	179 ON APR 8	---	---	1954
1955	---	185 ON APR 8 *	---	---	1955
1956	---	103 ON APR 6	---	---	1956
1957	---	51.3 ON MAR 15	---	---	1957
1958	---	85.0E ON MAR 30	---	---	1958
1959	---	114 ON APR 8	---	---	1959
1960	---	91.2 ON APR 13	---	---	1960
1961	---	87.4 ON MAR 29	---	---	1961
1962	---	98.1 ON MAR 31	---	---	1962
1963	---	152 ON APR 1	---	---	1963
1964	---	41.8 ON APR 8	---	---	1964
1965	---	30.9B ON MAR 9	---	---	1965
1966	---	58.3B ON MAR 6	---	---	1966
1967	---	112 ON APR 2	---	---	1967
1968	193 B AT 00:01 EST ON MAR 29	103 B ON MAR 28	0.028 ON AUG 7	129 000	1968
1969	88.9B AT 21:50 EST ON APR 6	88.1 ON APR 7	0.085 ON OCT 15	181 000	1969
1970	208 AT 01:20 EST ON APR 14 *	153 ON APR 13	0.088 ON AUG 22	148 000	1970
1971	145 AT 22:20 EST ON APR 13	120 ON APR 14	0.110 ON AUG 22	150 000	1971
1972	152 B AT 00:01 EST ON APR 16	137 B ON APR 17	0.3288 ON MAR 7	284 000	1972
1973	---	147 B ON MAR 18	0.317 ON JUL 31	286 000	1973
1974	---	113 B ON APR 5	0.232 ON OCT 1	180 000	1974
1975	127 AT 18:15 EST ON APR 19	108 ON APR 19	0.113 ON AUG 12	188 000	1975
1976	---	142 B ON MAR 28	0.1108 ON JAN 25	195 000	1976
1977	---	144 B ON MAR 15	0.195 ON JUL 12	181 000	1977
1978	148 AT 01:12 EST ON APR 14	142 ON APR 14	0.181E ON JUL 13	188 000	1978
1979	---	125 B ON MAR 25	0.188E ON JUL 19	168 000	1979
1980	---	98.0B ON MAR 22	0.178 ON AUG 11	130 000	1980
1981	---	88.0B ON FEB 21	0.387 ON AUG 3	235 000	1981
1982	---	147 B ON APR 1	0.198 ON AUG 20	184 000	1982
1983	88.8 AT 17:30 EST ON MAR 19	86.7 ON MAR 19	0.151A ON SEP 19	198 000	1983
1984	121 AT 20:18 EST ON APR 6	102 ON APR 6	0.150A ON SEP 27	173 000	1984
				182 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CAT RIVER BELOW WESLEYAN LAKE - STATION NO. 04GA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	70.8	88.8	72.4	75.9	88.7	74.8	---	1970
1971	57.3	43.1	30.8	31.7	82.0	71.8	83.1	89.9	46.9	38.1	45.4	42.8	48.5	1971
1972	37.0	30.8	24.4	21.0	44.2	85.8	82.8	57.0	83.7	58.3	54.4	44.8	48.3	1972
1973	34.8	27.7	24.0	23.8	31.7	35.2	45.4	41.3	40.8	57.5	57.4	53.8	39.5	1973
1974	43.8	36.3	28.5	26.8	72.8	201	158	96.0	112	88.1	82.3	48.0	81.0	1974
1975	36.7	31.8	25.7	23.8	48.8	76.8	86.5	83.7	51.4	37.9	36.1	28.9	43.8	1975
1976	25.3	22.5	19.1	24.4	38.2	42.8	36.7	25.2	18.8	14.8	13.5	11.2	24.4	1976
1977	10.4	10.4	10.3	12.5	23.8	28.2	34.5	38.5	57.8	58.0	50.4	45.4	32.0	1977
1978	37.8	30.7	22.9	20.1	49.9	90.1	88.7	82.4	74.6	60.9	47.5	38.7	55.8	1978
1979	32.1	24.9	21.2	22.3	52.3	75.3	59.7	49.8	58.4	60.7	74.8	81.9	49.4	1979
1980	47.8	37.4	29.3	25.4	45.1	82.7	60.0	28.8	27.8	33.5	38.8	38.2	38.8	1980
1981	28.7	23.3	18.4	18.7	25.8	35.6	38.3	37.5	18.5	20.5	28.5	35.7	26.9	1981
1982	36.8	30.7	25.2	24.1	68.1	119	104	75.1	47.8	41.8	43.0	40.0	54.4	1982
1983	33.6	27.3	22.8	18.7	23.4	26.8	47.8	53.8	43.1	32.7	30.2	29.2	32.4	1983
1984	27.7	24.4	20.3	24.0	86.1	82.2	88.2	44.0	30.8	27.2	32.8	36.9	39.8	1984
MEAN	38.0	28.8	33.1	33.7	48.8	71.9	88.2	54.8	50.1	47.3	48.8	41.8	43.7	MEAN

LOCATION - LAT 51 10 00 N LONG 81 35 50 W
DRAINAGE AREA, 5 380 km^2
NATURAL FLOW

CAT RIVER BELOW WESLEYAN LAKE - STATION NO. 04GA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	75.0 AT 13:55 CST ON JUN 7	75.0 ON JUN 7	28.1 ON APR 10	1 580 000	1971
1972	89.7 AT 13:06 CST ON JUN 19	88.4 ON JUN 19	20.2 ON APR 16	1 450 000	1972
1973	---	86.5 ON OCT 16	21.5 ON APR 12	1 250 000	1973
1974	226 AT 15:15 CST ON JUN 17 *	226 ON JUN 17 *	24.4 ON APR 15	2 550 000	1974
1975	80.7 AT 21:35 CST ON JUN 23	80.1 ON JUN 23	22.7 ON APR 15	1 380 000	1975
1976	45.0 AT 18:59 CST ON JUN 19	44.7 ON JUN 19	10.4 ON DEC 30	771 000	1976
1977	84.0 AT 23:50 EST ON SEP 28	83.7 ON SEP 27	9.37 ON APR 7 *	1 010 000	1977
1978	104 AT 00:16 EST ON JUL 16	103 ON JUL 16	19.2 ON APR 21	1 780 000	1978
1979	76.7 AT 13:35 EST ON JUN 15	76.1 ON NOV 7	19.0 ON APR 12	1 580 000	1979
1980	88.8 AT 03:27 EST ON JUN 7	88.3 ON JUN 8	22.4 ON APR 17	1 170 000	1980
1981	42.2 AT 20:16 EST ON JUL 4	42.1 ON JUL 5	18.8 ON MAR 27	848 000	1981
1982	130 AT 13:35 EST ON JUN 24	129 ON JUN 20	22.7 ON APR 20	1 710 000	1982
1983	88.7 AT 18:11 EST ON AUG 13	88.4 ON AUG 12	18.8 ON APR 20	1 020 000	1983
1984	88.3 AT 02:54 EST ON JUN 27	88.2 ON JUN 28	18.0 ON APR 10	1 250 000	1984
				1 380 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CATARAQUI RIVER AT CHAFFEYS LOCKS - STATION NO. 02MA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	---	---	---	1.31	---	1978
1979	7.20	9.97	7.59	8.75	5.10	2.52	1.30	1.12	1.04	2.07	3.28	5.05	4.61	1979
1980	7.78	5.44	7.28	10.1	6.88	1.85	1.25	1.54	4.28	4.44	3.37	4.11	5.03	1980
1981	3.64	11.6	10.2	3.25	2.23	2.46	3.23	2.53	11.2	15.3	6.98	4.84	5.31	1981
1982	8.41	9.37	5.75	9.47	3.82	7.12	3.52	2.72	3.93	2.39	4.88	4.27	5.04	1982
1983	5.93	8.31	1.84	9.73	12.3	2.80	1.29	1.32	1.02	3.82	5.32	4.00	4.73	1983
1984	10.1	10.4	9.17	13.5	---	---	---	---	---	---	0.883	0.358	---	1984
MEAN	6.82	9.18	8.84	8.13	6.27	3.31	1.93	1.85	4.21	5.58	3.91	3.81	5.14	MEAN

LOCATION - LAT 44 34 43 N DRAINAGE AREA, 394 km²
LONG 76 18 13 W REGULATED

REMARKS - EFFECTIVE 1984 SEASONAL OPERATION (MID-OCT TO MID-MAY)

CATARAQUI RIVER AT CHAFFEYS LOCKS - STATION NO. 02MA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	---	---	1978
1979	15.2 AT 14:50 EST ON MAR 8	14.9 ON MAR 8	0.536 ON JAN 1	145 000	1979
1980	19.4 AT 05:22 EST ON MAY 1	19.3 ON MAY 1	0.318 ON JUN 17	159 000	1980
1981	---	23.0E ON FEB 24 *	0.313 ON AUG 28	159 000	1981
1982	14.2 AT 09:40 EST ON MAY 29	13.8 ON MAY 30	0.200 ON JUL 8 *	155 000	1982
1983	20.0 AT 10:55 EST ON MAY 9	19.9 ON MAY 10	0.266 ON MAR 21	149 000	1983
1984	23.6 AT 11:09 EST ON MAY 3 *	21.3 ON APR 19	---	---	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		152 000	MEAN

E - ESTIMATED

CATFISH CREEK NEAR SPARTA - STATION NO. 02GC018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	3.72	0.403	0.275	0.228	2.27	---	1984
1985	3.66	10.8	14.1	9.31	0.701	0.224	0.184	0.188	0.144	1.28	1.81	5.26	3.90	1985
1986	1.51	4.04	7.09	5.81	1.49	1.12	0.152	0.130	0.153	0.183	0.520	8.75	2.38	1986
1987	2.94	1.69	6.01	8.42	2.76	4.12	1.27	0.237	0.188	0.342	1.88	8.32	3.08	1987
1988	4.69	11.3	7.87	2.72	0.857	4.30	1.13	0.896	1.03	1.58	4.44	3.88	3.85	1988
1989	13.1	2.73	4.03	10.1	8.42	1.80	0.470	0.239	0.180	0.281	3.29	2.82	3.79	1989
1970	1.85	3.24	7.84	8.18	0.886	0.327	0.435	0.089	0.145	0.430	5.34	5.23	2.84	1970
1971	1.26	9.80	10.2	3.12	0.854	0.323	0.104	0.087	0.098	0.171	0.173	0.728	2.17	1971
1972	2.03	0.493	13.8	8.18	2.41	1.14	2.10	0.638	0.204	0.488	3.17	8.59	3.45	1972
1973	3.89	2.80	18.7	8.33	1.84	1.38	0.383	0.373	0.153	0.300	3.28	3.71	3.33	1973
1974	9.12	4.00	7.92	5.74	5.31	1.82	0.938	0.186	0.147	0.270	1.88	2.82	3.32	1974
1975	7.83	5.88	9.82	3.82	1.14	3.07	0.989	4.39	5.41	1.28	2.87	4.78	4.31	1975
1976	4.27	15.8	15.8	3.84	3.05	0.842	1.14	0.818	0.234	0.482	1.09	0.718	3.90	1976
1977	0.338	1.61	18.2	4.88	0.842	0.334	0.230	0.208	4.85	3.62	3.34	13.2	4.37	1977
1978	2.02	1.32	17.4	8.83	2.13	0.484	0.228	0.248	0.288	0.457	0.857	1.82	3.12	1978
1979	3.00	1.81	12.6	12.2	1.89	0.703	0.422	0.535	0.385	0.823	7.09	9.02	4.21	1979
1980	3.57	1.03	9.31	8.83	1.71	2.48	2.92	1.30	2.00	4.04	1.25	3.85	3.81	1980
1981	0.377	10.7	2.87	5.42	1.48	0.883	0.402	1.13	5.85	8.42	3.03	2.14	3.44	1981
1982	2.77	0.483	16.3	8.83	3.09	3.25	0.712	0.633	1.03	2.45	15.0	20.2	5.11	1982
1983	2.85	8.00	3.26	8.02	8.42	1.07	1.CA	7.75	3.09	1.85	5.31	13.2	4.85	1983
1984	0.800	15.5	8.49	5.06	2.10	4.98	0.931	0.413	0.784	0.525	2.57	4.88	3.84	1984
MEAN	3.58	5.80	10.4	8.85	2.32	1.74	0.802	1.14	1.31	1.40	3.23	5.71	3.88	MEAN

LOCATION - LAT 42 44 48 N DRAINAGE AREA, 287 km²
LONG 81 03 28 W NATURAL FLOW

CATFISH CREEK NEAR SPARTA - STATION NO. 02GC015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	145 AT 17:00 EST ON MAR 5	130 ON MAR 5	0.102 ON AUG 26	123 000	1965
1966	88.6 AT 22:30 EST ON DEC 7	40.2 ON DEC 8	0.051 ON JUL 21	75 300	1966
1967	118 AT 11:00 EST ON JUN 29	71.6 ON JUN 29	0.125 ON SEP 8	96 600	1967
1968	144 AT 12:00 EST ON FEB 2	128 ON FEB 2	0.212 ON SEP 1	118 000	1968
1969	133 AT 20:45 EST ON JAN 30	108 ON JAN 30	0.122 ON SEP 4	119 000	1969
1970	92.5 AT 17:46 EST ON APR 2	51.5 ON APR 2	0.040 ON AUG 11	83 200	1970
1971	113 AT 10:17 EST ON FEB 27	81.8 ON FEB 27	0.024 ON AUG 10 *	88 300	1971
1972	89.8 AT 09:50 EST ON MAR 22	54.7 ON MAR 22	0.142 ON SEP 7	108 000	1972
1973	130 AT 18:12 EST ON MAR 11	84.0 ON MAR 11	0.119 ON SEP 8	105 000	1973
1974	91.7 AT 10:21 EST ON JAN 27	55.0 ON JAN 27	0.093 ON AUG 28	105 000	1974
1975	73.3 AT 07:54 EST ON JAN 9	50.7 ON JAN 9	0.173 ON AUG 1	138 000	1975
1976	140 E AT 12:50 EST ON MAR 5	105 E ON MAR 5	0.187 ON SEP 8	123 000	1976
1977	130 AT 04:20 EST ON MAR 5	103 ON MAR 13	0.125 ON JUL 31	138 000	1977
1978	146 AT 16:36 EST ON MAR 21	89.8 ON MAR 22	0.037 ON SEP 26	98 300	1978
1979	147 AT 04:15 EST ON APR 14	103 ON APR 14	0.175 ON JUL 30	133 000	1979
1980	127 AT 14:11 EST ON MAR 21	88.2 ON MAR 21	0.225 ON JUL 18	111 000	1980
1981	---	56.0E ON FEB 23	0.138 ON JUL 18	109 000	1981
1982	151 AT 00:01 EST ON MAR 14	101 ON MAR 14	0.210E ON SEP 21	193 000	1982
1983	---	93.0E ON AUG 12	0.210E ON SEP 15	156 000	1983
1984	295 AT 05:42 EST ON FEB 14 *	201 ON FEB 14 *	0.228 ON AUG 28	125 000	1984
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		116 000	MEAN

CEDAR CREEK AT WOODSTOCK - STATION NO. 02GD011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	---	0.488	0.198	0.186	0.336	1.35	0.648	---	1951
1952	2.19	1.53	2.98	2.07	0.682	0.336	0.272	0.261	0.255	0.249	0.408	0.783	1.00	1952
1953	1.16	1.21	3.12	1.40	1.15	0.865	0.343	0.252	0.259	0.070	0.575	0.785	0.942	1953
1954	1.19	3.12	3.09	3.63	1.18	0.380	0.178	0.090	0.223	2.88	1.25	1.38	1.50	1954
1955	1.54	1.53	3.55	1.78	0.478	0.223	0.134	0.140	0.122	0.359	0.700	0.782	0.942	1955
1956	0.415	0.781	3.51	1.56	1.64	0.341	0.425	1.18	1.01	0.601	0.618	0.825	1.14	1956
1957	1.30	1.11	1.09	1.63	0.703	0.348	0.487	0.157	0.378	0.388	0.639	1.12	0.789	1957
1958	0.517	0.513	1.13	0.896	0.258	0.292	0.428	0.169	0.261	---	---	---	---	1958
1960	1.04	1.51	2.20	4.43	1.41	0.842	0.215	0.170	0.163	0.397	0.655	0.157	1.05	1960
1961	0.207	1.48	1.39	1.38	0.604	0.284	0.188	0.385	0.285	0.301	0.330	0.385	0.594	1961
1962	0.421	0.539	2.94	0.758	0.739	0.598	0.325	0.305	0.382	0.884	1.15	0.927	0.811	1962
1963	0.333	0.283	3.35	1.00	0.589	0.237	0.185	0.191	0.158	0.228	0.167	0.142	0.575	1963
1964	0.435	0.348	1.44	1.22	0.503	0.120	0.136	1.18	0.341	0.150	0.221	0.878	0.584	1964
1965	0.870	3.03	2.96	3.70	0.528	0.145	0.068	0.078	0.078	0.188	0.595	1.15	1.10	1965
1966	0.584	1.32	2.06	1.48	0.768	0.447	0.178	0.185	0.162	0.170	0.802	2.31	0.880	1966
1967	1.13	0.525	2.03	2.32	0.874	0.848	0.388	0.235	0.171	0.523	0.926	1.63	0.954	1967
1968	0.607	2.80	3.07	0.631	0.415	0.572	0.253	0.145	0.133	0.177	0.645	0.835	0.757	1968
1969	3.04	1.04	1.58	2.07	1.12	0.380	0.131	0.092	0.081	0.188	0.730	0.415	0.817	1969
1970	0.211	0.443	1.58	1.20	0.653	0.114	0.313	0.218	0.207	0.302	0.654	0.801	0.587	1970
1971	0.510	1.08	2.71	1.52	0.210	0.213	0.178	0.091	0.082	0.113	0.154	0.321	0.594	1971
1972	0.447	0.215	2.83	2.26	0.673	0.193	0.845	0.823	0.203	0.952	1.04	1.78	0.872	1972
1973	1.15	0.949	4.34	1.20	0.896	0.356	0.325	0.304	0.130	0.409	1.46	1.06	1.04	1973
1974	2.30	1.13	2.02	1.81	1.37	0.492	0.238	0.221	0.202	0.343	0.879	0.524	0.970	1974
1975	1.28	1.86	2.65	1.70	0.473	0.822	0.182	0.383	0.819	0.425	0.726	1.00	0.989	1975
1976	0.661	3.50	4.72	1.64	1.56	0.384	1.19	0.454	0.301	0.434	0.650	0.388	1.32	1976
1977	0.246	0.417	4.61	1.47	0.343	0.221	0.139	0.221	0.810	0.976	0.850	2.17	1.07	1977
1978	0.483	0.388	2.89	3.61	0.822	0.185	0.094	0.182	0.418	0.440	0.661	0.738	0.800	1978
1979	0.945	0.890	3.05	3.49	0.756	0.244	0.143	0.282	0.182	0.507	1.50	2.10	1.24	1979
1980	1.09	0.445	2.61	2.24	0.716	0.269	0.423	0.226	0.283	0.632	0.385	0.805	0.840	1980
1981	0.191	3.24	0.834	1.01	0.485	0.389	0.155	0.515	1.87	1.25	0.784	0.450	0.884	1981
1982	0.502	0.280	4.68	2.69	0.585	0.784	0.280	0.285	0.286	0.293	1.31	2.53	1.21	1982
1983	0.742	1.33	1.10	1.55	1.26	0.436	0.494	1.75	0.413	0.504	0.912	1.57	1.01	1983
1984	0.430	3.93	2.33	1.78	0.888	1.59	0.484	0.230	0.441	0.385	0.767	1.41	1.18	1984
MEAN	0.850	1.33	2.64	1.82	0.778	0.427	0.302	0.352	0.332	0.471	0.751	1.02	0.942	MEAN

LOCATION - LAT 43 07 39 N DRAINAGE AREA, 93.2 km^2
LONG 80 46 06 W REGULATED

CEDAR CREEK AT WOODSTOCK - STATION NO. 02ED011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1951	---	---	---	---	1951
1952	---	10.8 ON MAR 11	0.142 ON AUG 26	31 700	1952
1953	---	19.3 ON MAR 4	0.028 ON OCT 22	29 700	1953
1954	---	21.8 ON FEB 15	0.028 ON JUL 26	47 400	1954
1955	---	13.5 ON MAR 1	0.028 ON JUL 11	29 700	1955
1956	---	24.5 ON MAR 7	0.106 ON JUN 22	36 000	1956
1957	---	11.2 ON APR 6	0.082 ON AUG 26	24 900	1957
1958	---	1.58 ON JUL 4	0.057 ON MAY 14	---	1958
1960	---	37.4 ON MAR 31 *	0.025 ON NOV 6	33 300	1960
1961	---	8.18 ON FEB 24	0 ON JUL 27 *	18 700	1961
1962	---	10.1 B ON MAR 13	0.099 ON AUG 3	25 600	1962
1963	---	12.3 ON MAR 18	0.037 ON SEP 11	18 100	1963
1964	---	4.70 ON AUG 24	0.014 ON JUL 27	18 500	1964
1965	---	27.6 ON FEB 10	0.003 ON JUL 2	34 600	1965
1966	---	11.4 ON DEC 7	0.040 ON SEP 1	27 100	1966
1967	---	14.6 ON DEC 22	0.017 ON JUN 17	30 100	1967
1968	---	35.4 ON FEB 2	0.057 ON JUN 8	23 800	1968
1969	---	19.6 ON JAN 30	0.006 ON AUG 31	25 600	1969
1970	---	7.05 ON APR 3	0 ON APR 22	17 800	1970
1971	---	11.4 ON MAR 16	0 ON MAY 7	18 700	1971
1972	---	14.5 ON MAR 22	0.040 ON AUG 17	30 600	1972
1973	20.5 AT 22:41 EST ON MAR 11	14.0 ON MAR 12	0.020 ON SEP 26	32 700	1973
1974	21.7 AT 20:34 EST ON JAN 27	14.3 ON JAN 27	0.008 ON JUL 11	30 600	1974
1975	22.1 AT 22:10 EST ON FEB 24	15.0 ON FEB 24	0 ON JUL 18	31 200	1975
1976	66.0 AT 21:51 EST ON MAR 5 *	28.6 ON MAR 5	0.102 ON AUG 23	41 700	1976
1977	26.1 AT 12:21 EST ON MAR 13	21.2 ON MAR 13	0.028 ON AUG 11	33 600	1977
1978	15.7 AT 13:02 EST ON MAR 24	15.1 ON MAR 24	0.021 ON JUL 19	28 400	1978
1979	56.3 AT 21:43 EST ON MAR 4	28.7 ON APR 14	0 ON SEP 28	39 000	1979
1980	23.5 AT 22:15 EST ON MAR 17	11.4 ON MAR 18	0.002 ON JUN 26	26 500	1980
1981	14.7 AT 03:52 EST ON FEB 19	13.8 ON FEB 19	0 ON AUG 21	28 200	1981
1982	83.5 AT 11:27 EST ON MAR 31	36.0 ON MAR 31	0.149 ON JAN 31	38 200	1982
1983	8.28 AT 14:23 EST ON SEP 16	5.67 ON AUG 1	0.145 ON SEP 13	31 800	1983
1984	25.1 AT 15:42 EST ON FEB 14	20.8 ON FEB 14	0.183 ON AUG 24	37 200	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		29 700	MEAN

CEDAR RIVER BELOW WABASKANG LAKE - STATION NO. 05QE008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	16.8	11.2	9.82	9.24	32.2	43.2	34.9	18.7	15.3	17.2	25.5	22.8	20.4	1970
1971	17.8	13.5	11.0	14.6	21.8	25.1	19.3	11.7	8.89	7.95	8.70	9.34	14.1	1971
1972	9.50	8.11	8.82	8.72	11.5	11.0	10.7	8.88	7.79	7.04	6.17	6.23	8.76	1972
1973	5.42	5.11	8.12	8.07	8.94	8.79	6.66	8.87	13.1	13.3	12.2	11.3	9.62	1973
1974	10.2	9.48	8.90	13.2	44.5	62.0	40.7	23.1	20.6	14.1	10.7	9.10	22.3	1974
1975	9.24	9.32	8.59	9.12	17.1	22.3	23.1	15.8	10.3	7.33	6.29	5.81	12.0	1975
1976	5.43	5.46	5.40	9.13	10.9	11.1	9.19	6.25	4.64	3.02	3.31	2.07	6.23	1976
1977	2.17	2.17	2.20	3.26	3.77	6.08	5.92	6.92	8.84	9.14	8.39	9.54	5.71	1977
1978	9.41	8.59	7.19	7.32	20.8	28.5	25.7	19.9	15.6	10.2	6.90	6.06	13.9	1978
1979	5.74	5.34	5.37	9.11	18.1	19.8	15.0	11.3	10.4	7.34	6.19	7.55	10.3	1979
1980	7.81	7.45	7.01	8.01	8.27	8.86	6.80	5.48	6.94	5.80	5.35	4.90	6.88	1980
1981	4.68	4.18	4.15	4.32	4.03	4.60	5.94	5.76	5.53	5.31	5.21	5.13	4.81	1981
1982	5.18	5.32	5.45	6.80	11.2	15.5	19.1	16.5	11.6	11.6	9.26	8.43	10.5	1982
1983	7.79	7.10	6.63	6.45	7.77	11.4	12.6	8.36	5.26	3.73	2.89	2.87	7.00	1983
1984	2.81	2.68	2.88	4.33	8.24	10.7	12.8	10.2	6.40	5.12	5.16	5.38	6.32	1984
MEAN	7.92	7.14	6.84	8.08	14.8	18.3	16.7	12.0	10.1	8.63	8.22	7.73	10.8	MEAN

LOCATION - LAT 50 30 30 N DRAINAGE AREA, 1 880 km^2
LONG 93 15 30 W NATURAL FLOW

CEDAR RIVER BELOW WABASKANG LAKE - STATION NO. 05QE008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	48.7 AT 12:00 CST ON JUN 18	46.2 ON JUN 18	7.83 ON APR 15	844 000	1970
1971	26.7 AT 11:35 CST ON JUN 22	26.7 ON JUN 22	7.83 ON OCT 30	445 000	1971
1972	14.1 AT 17:33 CST ON APR 30	14.0 ON APR 30	8.00 ON NOV 30	278 000	1972
1973	16.8 AT 12:53 CST ON APR 22	16.5 ON APR 22	5.58 ON MAR 31	300 000	1973
1974	71.4 AT 08:46 CST ON JUN 5 *	70.5 ON JUN 5 *	7.76 ON APR 15	703 000	1974
1975	26.6 AT 16:24 CST ON JUN 25	26.5 ON JUN 25	8.47 ON DEC 11	380 000	1975
1976	15.3 AT 15:30 CST ON APR 15	15.0 ON APR 15	2.02A ON NOV 28 *	197 000	1976
1977	12.7 AT 16:43 CST ON SEP 13	12.6 ON SEP 13	2.10 ON MAR 1	180 000	1977
1978	32.6 AT 23:41 CST ON JUN 25	32.0 ON JUN 25	8.83 ON DEC 26	440 000	1978
1979	21.9 AT 13:10 CST ON JUN 4	21.5 ON JUN 3	8.01 ON MAR 12	326 000	1979
1980	13.4 AT 13:47 CST ON APR 23	13.2 ON APR 24	4.84 ON DEC 25	318 000	1980
1981	8.66 AT 14:33 CST ON JUL 3	8.41 ON AUG 11	3.82 ON MAY 23	195 000	1981
1982	20.4 AT 11:03 CST ON JUL 24	20.3 ON JUL 20	4.73E ON JAN 1	332 000	1982
1983	15.2 AT 08:35 CST ON JUL 4	15.0 ON JUL 4	2.63E ON DEC 26	231 000	1983
1984	13.5 AT 11:45 CST ON JUL 17	13.4 ON JUL 22	2.61E ON JAN 5	197 000	1984
	A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		334 000	MEAN

CHIPPEWA CREEK AT NORTH BAY - STATION NO. 02DD014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	---	1.15	0.281	---	1974
1975	0.251	0.141	0.208	1.38	0.822	0.498	0.338	0.118	0.241	0.423	0.802	0.538	0.493	1975
1976	0.128	0.088	1.39	1.77	1.03	0.348	0.482	0.186	0.214	0.233	0.248	0.164	0.519	1976
1977	0.114	0.106	1.42	1.71	0.270	0.209	0.527	0.537	0.859	0.563	0.653	0.302	0.591	1977
1978	0.181	0.135	0.146	1.78	0.848	0.290	0.288	0.547	0.915	0.887	0.451	0.235	0.558	1978
1979	0.192	0.209	1.45	2.82	0.935	0.300	0.184	0.344	0.480	0.805	0.968	0.444	0.765	1979
1980	0.258	0.125	0.722	3.17	0.595	0.536	0.585	0.349	0.980	0.983	0.611	0.272	0.763	1980
1981	0.143	0.884	0.780	2.14	0.737	0.585	0.181	0.240	0.935	1.30	0.518	0.304	0.722	1981
1982	0.185	0.159	0.381	2.48	0.500	0.353	0.150	0.192	0.804	0.824	0.780	1.38	0.648	1982
1983	0.487	0.192	0.880	1.35	1.51	0.383	0.170	0.228	0.496	1.05	0.455	0.254	0.624	1983
1984	0.170	0.928	0.772	1.45	0.804	0.891	0.895	0.429	0.895	0.849	1.30	0.804	0.780	1984
MEAN	0.211	0.289	0.824	1.94	0.805	0.418	0.358	0.315	0.621	0.750	0.702	0.448	0.641	MEAN

LOCATION - LAT 46 18 36 N DRAINAGE AREA, 37.3 km²
LONG 79 27 00 W NATURAL FLOW

CHIPPEWA CREEK AT NORTH BAY - STATION NO. 02DD014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	5.63 AT 18:51 EST ON JUL 20	4.02 ON APR 18	0 E ON AUG 18 *	14 600	1975
1976	8.01 AT 19:14 EST ON MAR 27	6.09 ON MAR 27	0.088 ON AUG 30	16 400	1976
1977	9.46 AT 06:24 EST ON JUL 25	6.23 ON JUL 25	0.059 ON JUL 23	18 600	1977
1978	10.3 AT 03:28 EST ON SEP 15	5.66 ON SEP 15	0.062 ON JUL 6	17 600	1978
1979	---	5.308 ON MAR 24	0.075 ON JUL 20	23 500	1979
1980	13.6 AT 21:00 EST ON APR 8	11.6 E ON APR 8 *	0.1228 ON FEB 11	24 100	1980
1981	11.5 AT 10:49 EST ON APR 4	7.80 ON APR 4	0.074 ON AUG 22	22 800	1981
1982	15.3 AT 01:32 EST ON DEC 26 *	7.70 ON APR 17	0.076 ON JUL 27	20 400	1982
1983	9.02 AT 15:27 EST ON MAR 19	7.09 ON MAR 19	0.082 ON JUL 27	19 700	1983
1984	7.82 AT 00:32 EST ON NOV 2	4.80E ON NOV 2	0.1288 ON FEB 1	24 600	1984
				20 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CHUKUNI RIVER NEAR EAR FALLS - STATION NO. 05OC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	---	40.6	36.1	32.6	---	1982
1983	26.9	23.6	9.34	24.2	53.7	96.5	72.1	41.5	12.6	9.54	11.2	6.88	33.2	1983
1984	6.88	7.68	7.17	12.0	76.9	43.7	35.8	22.4	36.0	40.5	30.9	25.1	29.0	1984
1985	20.5	15.1	13.1	13.3	51.2	87.1	34.4	15.4	19.4	26.5	23.8	23.3	27.1	1985
1986	19.6	15.1	12.8	16.2	77.6	100	70.6	15.1	13.4	13.0	13.4	12.4	31.8	1986
1987	11.3	11.2	11.0	22.8	85.9	72.5	48.1	50.7	12.2	9.84	10.1	11.0	28.8	1987
1988	10.4	10.5	10.6	27.7	81.0	93.1	75.7	54.3	50.2	65.8	46.7	33.6	45.9	1988
1989	31.5	29.6	28.1	31.5	49.2	58.5	65.8	40.4	42.1	61.6	38.5	33.6	43.4	1989
1970	29.7	20.2	18.8	19.4	44.4	49.4	45.8	25.6	29.0	47.2	85.4	50.5	39.7	1970
1971	42.2	29.1	23.0	23.8	60.3	46.1	55.0	18.5	11.5	8.62	12.8	14.6	28.8	1971
1972	15.7	14.5	14.0	19.8	89.4	53.3	33.8	19.2	12.6	13.8	13.0	11.4	25.9	1972
1973	10.8	11.0	11.6	30.1	37.8	43.6	35.1	44.2	66.9	67.7	30.1	25.7	33.9	1973
1974	22.0	18.4	18.9	27.3	142	182	73.5	38.9	68.2	38.4	23.4	13.6	53.4	1974
1975	14.0	14.5	14.9	27.7	86.5	92.0	39.0	40.5	32.3	28.6	19.8	8.82	30.9	1975
1976	9.62	10.6	13.7	41.0	32.2	15.2	10.5	8.77	7.87	11.4	17.5	8.48	15.4	1976
1977	3.38	3.38	2.96	6.42	4.15	11.1	43.3	28.3	77.6	68.2	30.7	25.4	25.6	1977
1978	21.2	18.6	18.3	19.4	88.3	72.2	71.4	52.4	42.1	38.2	17.1	11.3	38.6	1978
1979	10.4	10.4	11.3	36.7	87.2	78.5	27.4	28.5	44.4	28.0	23.6	28.2	34.2	1979
1980	18.2	15.1	15.8	32.0	42.9	27.5	21.5	15.4	19.3	23.8	28.1	14.1	22.6	1980
1981	11.7	11.2	11.7	10.3	6.38	14.4	27.0	3.86	12.0	19.4	21.8	15.1	13.6	1981
1982	10.8	10.3	10.2	16.8	73.4	88.8	40.1	39.8	15.8	21.8	28.2	15.5	30.8	1982
1983	12.8	12.3	12.0	13.2	6.92	25.1	58.8	15.3	10.4	8.62	15.3	15.0	15.8	1983
1984	14.3	13.2	10.5	8.32	35.3	71.5	48.4	15.8	7.33	13.8	30.5	23.8	24.2	1984
MEAN	18.8	14.8	13.5	21.4	57.0	61.8	47.0	28.8	28.7	30.3	26.4	20.3	30.6	MEAN

LOCATION - LAT 50 52 20 N DRAINAGE AREA, 4 820 km^2
LONG 93 28 00 W REGULATED

REMARKS - RECORD MINIMUM FLOW OCCURRED IN 1983 DUE TO CLOSURE OF RED LAKE OUTLET FROM CONSTRUCTION ON SNOWSHOE RAPIDS

CHUKUNI RIVER NEAR EAR FALLS - STATION NO. 05QC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	---	105 ON JUN 17	0.028E ON SEP 24 *	1 050 000	1963
1964	---	98.3 ON MAY 13	9.51 ON JAN 9	917 000	1964
1965	---	78.7 ON JUN 9	3.11 ON APR 22	856 000	1965
1966	---	131 ON MAY 21	9.91 ON AUG 16	1 000 000	1966
1967	---	105 ON MAY 27	8.95 ON SEP 9	942 000	1967
1968	---	108 ON JUN 14	9.91 B ON MAR 16	1 450 000	1968
1969	---	92.8 ON JUL 1	23.8 ON APR 11	1 370 000	1969
1970	---	103 ON NOV 5	11.7 ON APR 23	1 250 000	1970
1971	71.6 AT 08:00 CST ON MAY 17	71.6 ON MAY 17	7.16 ON OCT 15	907 000	1971
1972	---	104 ON MAY 1	11.0 B ON DEC 29	820 000	1972
1973	---	88.3 ON JUN 22	10.4 B ON JAN 15	1 070 000	1973
1974	---	202 ON JUN 8 *	13.4 B ON NOV 30	1 880 000	1974
1975	---	85.0 ON JUN 24	7.85 B ON DEC 10	975 000	1975
1976	---	84.6 ON APR 22	3.26 ON DEC 31	486 000	1976
1977	---	88.1A ON SEP 12	0.828A ON MAR 30	808 000	1977
1978	82.4 AT 15:10 CST ON JUN 27	81.0 ON JUN 27	10.7 ON NOV 22	1 160 000	1978
1979	85.5 AT 17:20 CST ON MAY 18	84.3 ON MAY 18	10.2 B ON JAN 11	1 080 000	1979
1980	57.6 AT 15:55 CST ON APR 29	57.2 ON APR 27	12.0 ON AUG 4	720 000	1980
1981	37.9 AT 13:30 CST ON JUN 30	37.4 ON JUN 30	2.27 ON AUG 2	434 000	1981
1982	100 AT 15:36 CST ON JUN 10 *	99.2 ON JUN 11	4.76 ON SEP 22	976 000	1982
1983	78.4 AT 17:33 CST ON JUL 5	78.1 ON JUL 5	4.83 ON OCT 21	534 000	1983
1984	92.4 AT 13:38 CST ON JUN 16	91.6 ON JUN 12	3.45 ON APR 28	766 000	1984
				988 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CLARE RIVER NEAR BOGART - STATION NO. 02HL102

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	---	---	---	---	1.11	---	---	1968
1969	---	---	4.49	8.87	7.16	2.42	0.615	0.410	0.092	0.188	---	---	---	1969
1970	0.784	1.27	2.18	9.01	3.13	0.479	0.280	0.064	0.014	0.118	1.28	2.58	1.75	1970
1971	1.44	1.08	2.80	15.5	3.88	0.438	0.152	0.048	0.251	0.248	0.442	1.85	2.38	1971
1972	2.06	1.60	2.08	17.5	5.20	1.80	1.35	1.40	0.382	1.11	4.38	4.73	3.71	1972
1973	4.80	3.90	13.9	7.80	3.25	0.887	0.210	0.150	0.183	0.093	0.817	2.00	3.07	1973
1974	3.22	3.04	7.00	13.8	5.73	1.20	0.387	0.180	0.188	0.533	0.950	1.68	3.22	1974
1975	2.08	1.69	9.24	11.8	3.63	0.582	0.122	0.085	0.081	0.135	0.386	1.50	2.63	1975
1976	1.35	3.11	---	---	1.77	0.632	0.283	0.145	0.126	0.289	---	---	---	1976
1977	---	---	14.2	8.12	1.14	0.334	0.187	---	---	---	---	---	---	1977
MEAN	2.24	2.27	8.88	11.4	3.97	0.883	0.397	0.305	0.187	0.337	1.34	2.35	2.78	MEAN

LOCATION - LAT 44 28 57 N, LONG 77 13 10 W
DRAINAGE AREA, 180 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

CLARE RIVER NEAR BOGART - STATION NO. 02HL102

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	---	16.0 ON MAY 22	---	---	1969
1970	18.4 AT 08:30 EST ON APR 12	18.3 ON APR 12	0.003 ON SEP 17 *	55 200	1970
1971	30.6E AT 19:00 EST ON APR 15	29.7E ON APR 15	0.003 ON AUG 10	75 100	1971
1972	30.9E AT 00:27 EST ON APR 20 *	30.6E ON APR 20	0.215 ON SEP 23	117 000	1972
1973	26.3 AT 03:00 EST ON MAR 20	25.9 ON MAR 20	0.045 ON OCT 13	88 800	1973
1974	28.2 AT 03:45 EST ON APR 7	28.3 ON APR 7	0.110 ON SEP 2	101 000	1974
1975	25.4 AT 23:45 EST ON APR 21	25.9 ON APR 22	0.059 ON AUG 20	82 800	1975
1976	---	---	0.071 ON AUG 28	---	1976
1977	---	43.9 ON MAR 16 *	---	---	1977
				88 000	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CLYDE RIVER AT GORDON RAPIDS - STATION NO. 02KF013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	---	---	0.358	0.552	3.13	---	1971
1972	2.51	1.83	1.73	13.5	15.8	2.97	2.66	1.17	0.288	0.233	3.75	3.92	4.22	1972
1973	4.25	4.17	12.4	14.4	5.38	1.73	0.489	0.758	0.521	0.213	0.661	1.79	3.89	1973
1974	2.48	2.90	8.46	15.3	12.3	2.97	0.785	0.305	0.081	0.029	0.483	1.91	3.84	1974
1975	2.17	1.89	3.93	13.4	6.78	2.27	0.265	0.117	0.088	0.185	0.330	0.875	2.89	1975
1976	0.947	1.63	8.38	17.3	7.61	2.37	1.89	0.784	0.312	1.86	2.37	1.40	3.90	1976
1977	1.27	0.993	8.20	8.00	3.07	0.834	0.302	0.177	0.136	0.202	1.13	3.53	2.33	1977
1978	3.88	3.89	2.85	18.1	7.60	0.817	0.411	0.241	0.111	0.051	0.042	0.258	3.15	1978
1979	1.58	1.40	7.08	15.3	5.45	2.95	0.334	0.159	0.197	0.841	2.58	4.67	3.55	1979
1980	3.88	1.26	5.89	10.8	5.34	1.53	1.17	0.652	0.401	0.848	2.28	2.80	3.13	1980
1981	1.63	10.1	6.12	4.22	2.46	2.63	1.54	0.804	5.24	4.02	6.04	3.40	4.11	1981
1982	2.31	1.75	1.83	14.0	4.51	2.24	0.691	0.339	0.262	0.350	1.26	5.02	2.92	1982
1983	5.05	2.53	5.63	8.38	10.4	2.24	0.417	0.307	0.256	0.178	0.858	3.16	3.41	1983
1984	2.23	3.17	5.22	22.5	6.46	3.21	0.366	0.338	0.185	0.247	0.478	0.715	4.06	1984
MEAN	2.82	3.07	6.00	13.8	7.34	2.20	0.886	0.459	0.622	0.657	1.63	2.64	3.48	MEAN

LOCATION - LAT 45 08 04 N DRAINAGE AREA, 280 km²
LONG 76 37 52 W REGULATED

CLYDE RIVER AT GORDON RAPIDS - STATION NO. 02KF013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	33.7 AT 13:05 EST ON MAY 4	33.4 ON MAY 4	0.153 ON OCT 21	133 000	1972
1973	30.0 AT 13:05 EST ON APR 5	29.7 ON APR 5	0.161 ON OCT 25	123 000	1973
1974	29.4 AT 15:41 EST ON APR 17	28.2 ON APR 17	0.022 ON OCT 28 *	121 000	1974
1975	33.1 AT 15:55 EST ON APR 22	32.3 ON APR 22	0.074 ON SEP 16	84 700	1975
1976	44.7 AT 23:10 EST ON APR 2 *	43.3 ON APR 3 *	0.265 ON SEP 24	123 000	1976
1977	19.7 AT 04:55 EST ON MAR 18	19.4 ON MAR 18	0.127 ON SEP 27	73 400	1977
1978	37.1 AT 13:00 EST ON APR 22	36.6 ON APR 22	0.031 ON NOV 15	89 400	1978
1979	25.8 AT 13:25 EST ON APR 6	25.5 ON APR 5	0.124 ON OCT 4	112 000	1979
1980	26.2 AT 01:13 EST ON MAR 23	24.7 ON MAR 23	0.340 ON OCT 1	98 200	1980
1981	41.7 AT 04:54 EST ON FEB 25	41.5 ON FEB 25	0.280E ON AUG 30	130 000	1981
1982	33.7 AT 15:20 EST ON APR 22	32.7 ON APR 22	0.213 ON SEP 27	92 100	1982
1983	18.6 AT 00:18 EST ON MAY 10	18.5 ON MAY 10	0.106E ON OCT 18	107 000	1983
1984	39.7 AT 01:08 EST ON APR 18	38.3 ON APR 18	0.057 ON OCT 1	126 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		110 000	MEAN

E - ESTIMATED

CLYDE RIVER NEAR LANARK - STATION NO. 02KF010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	0.456	0.424	0.837	3.01	5.35	---	1970
1971	4.38	3.96	6.82	35.7	22.7	2.13	0.666	0.391	0.606	0.737	1.37	8.32	7.15	1971
1972	9.01	3.71	3.59	21.1	30.1	5.21	5.00	2.91	0.719	1.27	8.54	7.92	8.83	1972
1973	9.18	9.01	29.9	31.6	10.8	3.62	1.01	1.36	1.01	1.20	2.25	4.35	8.78	1973
1974	4.34	5.49	12.5	33.0	27.4	5.10	1.81	0.844	0.233	0.172	1.23	3.83	8.08	1974
1975	4.48	3.90	8.82	32.9	14.8	4.06	0.775	0.268	0.224	0.480	1.07	2.80	8.14	1975
1976	2.79	3.62	18.7	38.6	15.1	4.89	3.52	1.37	0.872	2.99	4.16	2.90	8.31	1976
1977	2.08	1.65	17.6	21.1	4.89	1.51	0.772	0.593	0.459	1.34	3.02	8.44	5.31	1977
1978	8.68	8.40	8.78	40.6	15.9	1.68	0.411	0.356	0.148	0.251	0.553	0.685	7.00	1978
1979	1.97	1.88	14.3	32.8	12.2	5.88	0.748	0.383	0.480	2.00	5.08	10.7	7.34	1979
1980	8.08	2.78	14.8	24.1	15.2	3.89	2.62	1.31	0.895	1.50	4.32	5.00	7.02	1980
1981	2.87	23.0	17.8	9.48	8.05	5.86	3.20	1.32	14.0	9.14	13.1	7.08	9.30	1981
1982	3.74	2.82	3.27	30.1	10.4	4.84	1.38	0.649	0.413	0.786	3.36	11.4	6.05	1982
1983	10.5	8.88	12.7	21.0	22.4	4.89	0.728	0.404	0.201	0.416	2.85	7.47	7.42	1983
1984	3.88	10.4	10.2	50.5	18.0	---	---	---	---	---	---	---	---	1984
MEAN	5.22	6.14	12.8	30.8	16.1	4.24	1.75	0.896	1.46	1.85	3.85	5.09	7.44	MEAN

LOCATION - LAT 45 02 46 N DRAINAGE AREA, 814 km²
LONG 76 24 03 W REGULATED

REMARKS - STATION INOPERATIVE MAY 27 1984 - JAN 28 1985 DUE TO BRIDGE CONSTRUCTION ON SITE

CLYDE RIVER NEAR LANARK - STATION NO. 02KF010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	71.9 AT 00:50 EST ON APR 24	70.8 ON APR 23	0.252 ON AUG 20	225 000	1971
1972	77.0B AT 20:13 EST ON APR 21	71.4 ON APR 22	0.419 ON SEP 30	278 000	1972
1973	---	72.5 ON APR 4	0.294 ON JUL 28	277 000	1973
1974	65.1 AT 08:36 EST ON APR 18	64.8 ON APR 18	0.142E ON NOV 2	255 000	1974
1975	76.5 AT 10:56 EST ON APR 22	75.3 ON APR 22	0.138E ON AUG 22	194 000	1975
1976	101 AT 01:06 EST ON APR 3	97.7 ON APR 3	0.374 ON SEP 17	283 000	1976
1977	---	39.0B ON MAR 18	0.170E ON SEP 2	167 000	1977
1978	81.0 AT 19:26 EST ON APR 22	78.0 ON APR 22	0.057E ON SEP 10 *	220 000	1978
1979	85.6 AT 14:06 EST ON APR 5	85.5 ON APR 5	0.368A ON AUG 16	231 000	1979
1980	---	61.5B ON MAR 23	0.424E ON SEP 22	222 000	1980
1981	104 AT 00:01 EST ON FEB 25 *	99.7B ON FEB 25 *	0.758 ON AUG 30	293 000	1981
1982	72.8 AT 18:49 EST ON APR 22	71.2 ON APR 22	0.300E ON SEP 28	191 000	1982
1983	41.2 AT 16:47 EST ON MAY 10	40.7 ON MAY 10	0.138E ON SEP 18	234 000	1983
1984	86.8 AT 04:52 EST ON APR 19	87.8 ON APR 19	---	---	1984
				235 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

COLD CREEK AT ORLAND - STATION NO. 02HK007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	---	1.58	1.58	1.38	---	1981
1982	1.47	0.892	3.06	6.37	2.14	1.84	1.03	1.16	1.08	1.23	1.93	2.43	2.08	1982
1983	2.08	3.81	2.75	2.97	2.62	1.17	0.765	0.868	1.15	1.87	2.28	3.41	2.17	1983
1984	1.37	3.65	2.85	5.01	2.98	1.95	1.42	1.17	1.17	1.12	1.81	1.85	2.19	1984
MEAN	1.64	2.82	2.90	4.78	2.64	1.67	1.07	1.11	1.13	1.45	1.85	2.28	2.14	MEAN

LOCATION - LAT 44 08 04 N LONG 77 47 17 W
DRAINAGE AREA, 159 km^2
NATURAL FLOW

COLD CREEK AT ORLAND - STATION NO. 02HK007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	1981
1982	20.2 AT 08:16 EST ON APR 1	19.2 ON APR 1	0.857 ON SEP 11	85 100	1982
1983	24.0 AT 07:32 EST ON FEB 3 *	20.5 ON FEB 3 *	0.573 ON JUL 28 *	88 400	1983
1984	18.5 AT 17:13 EST ON APR 5	16.7 ON APR 5	0.976 ON SEP 23	89 100	1984
				87 500	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

COLD CREEK NEAR BOLTON - STATION NO. 02HC023

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	---	---	---	0.282	0.366	0.285	---	1962
1963	0.226	0.190	1.22	0.398	0.573	0.322	0.202	0.243	0.269	0.197	0.261	0.284	0.385	1963
1964	0.308	0.233	0.698	0.565	0.311	0.207	0.208	0.318	0.209	0.230	0.243	0.357	0.325	1964
1965	0.257	1.14	0.774	1.52	0.318	0.185	0.191	0.190	0.187	0.258	0.318	0.388	0.471	1965
1966	0.302	0.328	0.966	0.323	0.324	0.285	0.174	0.152	0.174	0.182	0.250	0.328	0.318	1966
1967	0.301	0.278	0.980	0.878	0.305	0.381	0.512	0.292	0.271	0.378	0.481	0.617	0.472	1967
1968	0.282	0.633	2.48	0.614	0.350	0.294	0.212	0.222	0.244	0.254	0.612	0.588	0.585	1968
1969	0.804	0.399	1.65	1.18	0.561	0.227	0.236	0.234	0.213	0.318	0.353	0.784	0.628	1969
1970	0.201	0.234	0.638	1.14	0.310	0.228	0.247	0.195	0.182	0.230	0.303	0.298	0.382	1970
1971	0.240	0.283	0.808	1.37	0.270	0.223	0.287	0.232	0.228	0.188	0.213	0.258	0.387	1971
1972	0.288	0.178	0.351	2.67	0.319	0.318	0.249	0.230	0.203	0.274	0.327	0.378	0.478	1972
1973	0.888	0.808	1.98	0.858	0.615	0.308	0.247	0.268	0.234	0.308	0.408	0.303	0.580	1973
1974	0.528	0.445	1.70	0.889	0.582	0.263	0.218	0.213	0.228	0.278	0.324	0.281	0.493	1974
1975	0.309	1.05	1.33	1.15	0.384	0.232	0.213	0.190	0.152	0.188	0.252	0.328	0.488	1975
1976	0.244	0.884	1.88	0.585	0.479	0.282	0.335	0.281	0.250	0.321	0.294	0.331	0.488	1976
1977	0.189	0.263	1.41	0.467	0.350	0.232	0.218	0.278	0.337	0.540	0.436	0.468	0.428	1977
1978	0.447	0.233	0.883	2.43	0.773	0.328	0.244	0.292	0.330	0.438	0.838	0.823	0.821	1978
1979	0.412	0.291	2.30	0.960	0.538	0.277	0.247	0.262	0.265	0.458	0.582	0.711	0.810	1979
1980	0.439	0.218	1.18	1.08	0.374	0.308	0.565	0.270	0.280	0.345	0.350	0.454	0.488	1980
1981	0.251	1.83	0.484	0.403	0.435	0.280	0.483	0.255	0.310	0.437	0.574	0.338	0.503	1981
1982	0.354	0.307	2.42	1.15	0.322	0.439	0.248	0.284	0.308	0.320	0.585	1.00	0.845	1982
1983	0.804	0.854	0.818	0.738	0.573	0.267	0.241	0.239	0.239	0.285	0.387	0.408	0.438	1983
1984	0.217	1.40	1.28	0.818	0.484	0.268	0.270	0.247	0.268	0.297	0.358	0.467	0.524	1984
MEAN	0.353	0.584	1.28	1.00	0.428	0.281	0.273	0.244	0.248	0.303	0.377	0.408	0.477	MEAN

LOCATION - LAT 43 53 25 N LONG 79 43 12 W
DRAINAGE AREA, 82.3 km^2
NATURAL FLOW

COLD CREEK NEAR BOLTON - STATION NO. 02HC023

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	9.00 AT 20:30 EST ON MAR 24	5.55 ON MAR 25	0.144 ON JUL 3	11 500	1983
1984	5.47 AT 09:20 EST ON MAR 5	3.43 ON MAR 5	0.099 ON JUL 7	10 300	1984
1985	20.5 B AT 17:30 EST ON FEB 10	12.6 B ON FEB 10	0.1228 ON JAN 20	14 900	1985
1986	6.85 AT 17:00 EST ON MAR 13	2.558 ON MAR 1	0.127 ON AUG 20	8 970	1986
1987	7.73 AT 14:00 EST ON JUL 11	4.15 ON APR 3	0.1708 ON JAN 1	14 900	1987
1988	11.6 AT 18:30 EST ON FEB 2	7.05 ON FEB 2	0.167 ON AUG 18	17 900	1988
1989	15.7 AT 00:15 EST ON MAR 21	8.88 ON MAR 21	0.178E ON JUN 26	15 700	1989
1990	5.10 AT 23:07 EST ON APR 8	4.11 ON APR 8	0.156 ON AUG 11	11 100	1990
1991	7.14 AT 20:24 EST ON APR 2	5.23 ON APR 2	0.184 ON AUG 8	11 500	1991
1992	17.2 AT 22:42 EST ON APR 13	12.7 ON APR 13	0.1538 ON FEB 19	15 200	1992
1993	11.1 AT 15:11 EST ON MAR 11	5.01 ON MAR 11	0.1618 ON DEC 17	17 700	1993
1994	26.2 AT 03:00 EST ON MAR 5 *	15.9 ON MAR 5 *	0.1838 ON JAN 18	15 600	1994
1995	26.1 AT 20:23 EST ON FEB 24	12.4 ON FEB 24	0.105 ON AUG 28	14 800	1995
1996	17.5 AT 17:13 EST ON MAR 20	10.4 ON MAR 20	0.190 ON SEP 14	15 400	1996
1997	9.85 AT 20:26 EST ON MAR 4	4.95 ON MAR 5	0.1618 ON JAN 27	13 400	1997
1998	13.9 AT 19:04 EST ON APR 1	8.85 ON APR 1	0.1985 ON FEB 22	19 800	1998
1999	15.2 AT 20:38 EST ON MAR 4	7.91 ON MAR 5	0.096 ON FEB 27 *	19 200	1999
2000	16.6 AT 13:29 EST ON MAR 21	9.82 ON MAR 21	0.1938 ON FEB 3	15 400	2000
2001	15.9 AT 20:12 EST ON FEB 16	9.12 ON FEB 16	0.198 ON AUG 25	15 800	2001
2002	---	15.2 B ON MAR 31	0.218 ON JUL 24	20 300	2002
2003	5.89 AT 10:21 EST ON FEB 3	4.39 ON FEB 3	0.207 ON SEP 12	13 800	2003
2004	17.5 AT 08:02 EST ON FEB 14	11.6 ON FEB 14	0.1708 ON JAN 24	18 800	2004
				15 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

COLDWATER RIVER AT COLDWATER - STATION NO. 02ED007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	0.955	1.15	2.18	2.71	3.28	---	1965
1966	1.55	1.99	3.60	2.03	1.56	1.56	0.817	0.889	0.855	1.25	1.98	2.80	1.74	1966
1967	2.00	1.45	3.14	4.19	1.79	4.41	2.58	1.48	1.54	2.39	3.75	3.48	2.68	1967
1968	1.87	3.08	4.41	3.11	2.08	1.37	1.10	1.13	1.28	1.32	2.19	2.80	2.14	1968
1969	2.08	1.81	3.43	5.91	4.21	1.71	1.00	0.875	1.07	1.89	2.42	1.81	2.30	1969
1970	1.64	1.35	2.22	5.08	1.93	1.24	2.17	1.22	1.87	2.43	2.28	1.97	2.27	1970
1971	1.30	1.88	2.85	7.08	1.87	1.41	1.29	1.22	1.18	1.25	1.41	2.08	2.03	1971
1972	1.84	1.45	1.78	5.45	2.88	1.45	1.32	1.14	0.854	1.41	2.08	2.28	2.21	1972
1973	2.80	1.84	5.80	3.08	2.17	1.50	1.03	1.20	1.02	1.43	2.24	1.87	2.28	1973
1974	2.12	1.34	3.77	5.32	3.26	1.52	1.84	1.32	1.28	1.75	2.84	1.84	2.31	1974
1975	2.04	2.02	2.78	5.45	2.05	1.25	1.12	1.25	1.48	1.27	1.40	1.85	2.08	1975
1976	1.40	2.38	5.58	2.83	2.01	1.28	1.58	1.63	2.75	2.31	2.52	1.85	2.43	1976
1977	1.37	1.41	5.20	2.64	1.38	1.22	1.15	1.37	1.78	2.47	3.17	2.41	2.23	1977
1978	1.87	1.40	1.82	5.38	2.72	1.53	1.10	1.12	1.37	1.70	1.81	1.52	2.03	1978
1979	1.83	1.47	5.80	4.47	2.36	1.30	1.24	1.24	1.15	2.28	2.88	4.10	2.57	1979
1980	1.81	1.13	5.08	4.78	1.80	2.38	1.78	1.80	1.88	3.07	2.68	2.88	2.80	1980
1981	1.37	5.83	2.82	2.73	2.76	2.10	1.33	1.70	2.17	2.84	2.98	1.98	2.54	1981
1982	1.58	1.27	1.82	5.00	1.87	2.11	1.17	1.42	1.44	1.51	2.65	4.27	2.44	1982
1983	2.82	2.88	3.80	3.71	2.88	1.80	1.12	1.14	1.28	1.83	2.39	1.87	2.21	1983
1984	1.47	3.57	3.43	3.61	2.23	1.39	1.28	1.15	1.43	1.41	2.13	3.25	2.17	1984
MEAN	1.78	2.04	3.82	4.82	2.31	1.70	1.37	1.27	1.44	1.88	2.47	2.48	2.28	MEAN

LOCATION - LAT 44 42 25 N
LONG 78 38 37 W
DRAINAGE AREA, 177 km^2
NATURAL FLOW

COLDWATER RIVER AT COLDWATER - STATION NO. 02ED007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	29.4 AT 10:30 EST ON DEC 7	17.8 ON DEC 7	0.874 ON JUL 18 *	64 800	1966
1967	30.6 AT 19:45 EST ON JUN 22	16.0 ON APR 1	0.8088 ON JAN 22	84 600	1967
1968	30.5 AT 07:00 EST ON APR 1	19.5 ON APR 1	0.985 ON AUG 18	67 800	1968
1969	37.4 AT 08:05 EST ON MAY 10	23.4 ON MAY 10	0.750 ON AUG 13	72 500	1969
1970	30.8 AT 00:30 EST ON APR 15	18.7 ON APR 16	1.01 ON AUG 27	71 700	1970
1971	23.4E AT 18:35 EST ON APR 13	21.8 E ON APR 13	0.880E ON AUG 21	63 900	1971
1972	41.8 AT 01:30 EST ON APR 18	29.2 ON APR 18	0.714E ON SEP 14	89 900	1972
1973	30.3 AT 01:45 EST ON MAR 6	21.2 ON MAR 12	0.810 ON JUL 24	72 300	1973
1974	30.6 AT 11:02 EST ON APR 4	26.2 ON APR 4	1.05 ON AUG 18	73 900	1974
1975	58.6 AT 17:15 EST ON APR 19 *	45.8 ON APR 19 *	0.888 ON JUL 18	85 400	1975
1976	34.3 AT 12:50 EST ON MAR 21	28.3 ON MAR 21	0.874 ON JUL 28	77 000	1976
1977	47.0B AT 10:58 EST ON MAR 13	28.3 B ON MAR 13	0.888 ON JUL 23	70 000	1977
1978	17.4 AT 22:05 EST ON APR 11	12.6 ON APR 12	0.969 ON JUL 12	84 200	1978
1979	38.0 AT 11:13 EST ON MAR 25	23.1 ON MAR 24	0.890 ON JUL 23	81 200	1979
1980	---	31.0 B ON MAR 21	0.885 ON JUL 18	82 100	1980
1981	30.8 AT 11:00 EST ON FEB 23	28.2 ON FEB 23	1.07 ON JUL 28	80 100	1981
1982	24.7E AT 08:00 EST ON APR 1	24.7 A ON APR 1	0.928 ON AUG 18	78 800	1982
1983	11.1 AT 17:36 EST ON JAN 11	8.80 ON JAN 11	0.904 ON SEP 12	89 700	1983
1984	38.2 AT 11:48 EST ON DEC 28	20.8 ON DEC 28	0.904 ON AUG 17	88 500	1984
				71 900	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

COLLINS CREEK NEAR KINGSTON - STATION NO. 02HM005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.276	1.01	6.53	8.39	1.48	0.185	1.36	0.184	0.133	0.692	3.81	2.85	2.21	1970
1971	1.28	1.19	2.84	12.6	1.88	0.243	0.040	0.004	0.034	0.278	0.774	3.46	2.02	1971
1972	1.23	0.922	2.87	14.9	2.82	3.03	0.894	1.27	0.344	3.84	5.88	4.72	3.53	1972
1973	4.56	3.30	7.80	8.17	2.08	0.823	0.118	0.080	0.110	0.547	2.83	3.52	2.84	1973
1974	4.71	2.58	5.38	8.10	2.81	0.448	0.093	0.018	0.002	0.058	1.02	2.78	2.33	1974
1975	3.25	1.82	8.36	8.96	1.20	1.53	0.055	0.002	0.451	0.870	1.47	4.85	2.48	1975
1976	1.26	4.74	13.4	4.82	3.26	0.881	0.820	0.242	0.210	0.883	1.16	1.07	2.70	1976
1977	0.888	0.857	13.0	4.20	1.44	0.092	0.003	0.184	0.888	3.15	4.19	4.20	2.74	1977
1978	4.02	2.31	4.85	13.4	1.85	0.226	0.003	0	0.130	0.225	1.85	2.34	2.81	1978
1979	2.20	1.88	10.8	8.78	2.47	0.817	0.044	0.001	2.02	2.80	3.80	4.39	3.12	1979
1980	1.80	0.838	7.48	7.80	3.03	0.381	0.184	0.480	0.374	1.91	2.88	5.03	2.82	1980
1981	0.885	11.4	3.21	2.30	1.88	1.87	0.488	0.811	8.21	2.74	3.21	1.10	2.84	1981
1982	1.82	0.818	8.88	8.80	1.88	3.11	0.804	0.178	0.267	0.748	3.88	4.80	2.85	1982
1983	2.38	3.18	3.24	5.73	4.88	0.488	0.038	0.038	0.021	0.388	4.83	8.02	2.85	1983
1984	0.848	8.82	3.41	8.30	2.85	0.648	0.108	0.811	0.382	0.088	0.805	2.58	2.28	1984
MEAN	2.05	2.88	6.88	7.88	2.30	0.828	0.303	0.273	0.757	1.28	2.72	3.88	2.82	MEAN

LOCATION - LAT 44 15 24 N DRAINAGE AREA, 155 km²
LONG 76 38 48 W NATURAL FLOW

COLLINS CREEK NEAR KINGSTON - STATION NO. 02HM005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	23.6 AT 21:15 EST ON MAR 27	21.9 ON MAR 27	0.051 ON AUG 29	69 700	1970
1971	26.6 AT 15:15 EST ON APR 10	25.5 ON APR 10	0 ON AUG 6 *	53 800	1971
1972	32.3 AT 05:22 EST ON APR 14	30.9 ON APR 14	0.241 ON SEP 23	112 000	1972
1973	23.8 AT 13:30 EST ON APR 3	22.4 ON APR 3	0 ON AUG 31	83 200	1973
1974	36.6 AT 01:00 EST ON APR 5	29.7 ON APR 4	0.001 ON AUG 25	73 500	1974
1975	---	29.78 ON MAR 20	0 ON AUG 21	78 300	1975
1976	33.4 AT 00:01 EST ON MAR 26	31.18 ON MAR 22	0 089 ON AUG 27	85 400	1976
1977	---	39.4 ON MAR 14	0 001 ON JUL 16	88 500	1977
1978	---	28.88 ON APR 3	0 ON JUL 20	83 400	1978
1979	---	30.08 ON MAR 8	0 001 ON AUG 8	98 800	1979
1980	84.6 AT 05:15 EST ON MAR 22 *	57.6 ON MAR 22 *	0.015 ON JUL 27	82 800	1980
1981	---	51 08 ON FEB 20	0.122 ON AUG 3	88 800	1981
1982	33.2 AT 15:08 EST ON APR 1	30 8 ON APR 1	0 037 ON AUG 22	83 800	1982
1983	20.8 AT 16:32 EST ON DEC 15	20.7 ON DEC 15	0 006 ON JUL 27	80 300	1983
1984	---	33.88 ON FEB 15	0.012 ON AUG 8	72 100	1984
				82 800	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

COMMANDA CREEK NEAR COMMANDA - STATION NO. 02DD015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	---	2.80	1.35	---	1974
1975	1.80	1.32	1.17	5.28	3.78	1.08	0.319	0.113	0.514	0.781	1.87	4.74	1.88	1975
1976	0.820	0.822	4.88	8.44	3.21	0.828	1.02	0.300	0.488	0.522	0.808	0.935	1.88	1976
1977	0.437	0.448	4.88	5.88	0.839	0.388	0.182	0.324	0.908	1.88	2.48	1.80	1.88	1977
1978	0.882	0.837	0.475	4.74	3.34	0.827	0.188	0.423	0.834	1.78	1.43	1.37	1.40	1978
1979	0.780	0.884	3.82	7.34	2.71	1.12	0.438	0.848	0.321	1.78	2.37	1.19	1.92	1979
1980	1.02	0.430	1.83	7.72	1.83	2.18	1.24	0.988	1.43	2.82	2.17	1.08	2.08	1980
1981	0.844	2.83	2.84	8.31	2.88	2.00	0.874	0.440	1.78	2.89	1.28	1.27	2.05	1981
1982	0.718	0.803	0.847	8.78	1.88	0.418	0.281	0.128	0.881	1.81	2.38	4.24	1.78	1982
1983	1.38	0.848	3.02	2.87	4.78	1.47	0.252	0.187	0.488	0.980	2.40	1.88	1.87	1983
1984	0.884	1.72	1.88	8.02	2.34	3.08	2.03	0.388	0.788	1.28	3.83	1.83	2.11	1984
MEAN	0.928	0.883	2.80	5.94	3.88	1.37	0.881	0.383	0.847	1.88	2.13	1.83	1.82	MEAN

LOCATION - LAT 45 58 55 N DRAINAGE AREA, 108 km²
LONG 78 38 24 W NATURAL FLOW

COMMANDA CREEK NEAR COMMANDA - STATION NO. 02DD015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	---	---	---	---	1974
1975	13.1 AT 07:00 EST ON APR 28	12.7 ON APR 28	0.058 ON AUG 18	59 100	1975
1976	---	17.8 B ON APR 1	0.178 ON AUG 31	53 400	1976
1977	15.1 AT 03:02 EST ON MAR 31	14.5 ON MAR 31	0.034 ON JUL 30 *	52 200	1977
1978	13.1 AT 08:36 EST ON APR 27	12.8 ON APR 27	0.0718 ON AUG 15	44 200	1978
1979	13.2 AT 18:50 EST ON MAR 28	12.7 ON MAR 28	0.110 ON JUL 22	68 800	1979
1980	22.8 AT 01:35 EST ON APR 10	21.8 ON APR 10	0.3088 ON MAR 9	84 800	1980
1981	18.7 AT 08:18 EST ON APR 5	18.2 ON APR 5	0.188 ON AUG 22	84 800	1981
1982	26.5 AT 01:23 EST ON APR 18 *	26.3 ON APR 18 *	0.081 ON AUG 17	68 400	1982
1983	15.7 AT 14:52 EST ON MAY 8	14.8 ON MAY 8	0.111 ON SEP 7	52 800	1983
1984	10.8 AT 21:48 EST ON APR 8	9.80 ON APR 17	0.174 ON AUG 22	68 800	1984
				87 400	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CONESTOGO RIVER ABOVE DRAYTON - STATION NO. 02GA039

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	6.07	1.82	21.0	3.77	4.37	1.38	0.181	0.071	0.011	0.039	2.51	2.02	3.83	1973
1974	4.80	1.48	12.5	11.8	10.1	0.338	0.054	0.034	0.031	0.092	0.943	0.332	3.87	1974
1975	2.92	1.54	7.38	20.7	1.25	0.528	0.178	0.418	1.24	0.547	1.53	4.72	3.57	1975
1976	0.601	4.88	23.8	5.53	3.44	0.523	3.10	0.282	1.21	3.41	3.82	0.719	4.28	1976
1977	0.335	0.318	20.2	3.95	0.288	0.135	0.412	4.45	4.87	5.82	4.49	3.41	4.05	1977
1978	0.845	0.408	2.89	23.7	3.10	0.378	0.058	0.057	0.556	1.06	1.34	1.42	2.95	1978
1979	1.40	0.378	22.2	11.9	2.17	0.248	0.070	0.042	0.042	0.232	4.10	7.92	4.24	1979
1980	1.95	0.281	10.1	7.82	1.21	0.472	0.183	0.121	0.181	1.77	1.80	3.38	2.46	1980
1981	0.414	14.5	3.24	2.26	1.84	0.854	0.265	0.428	3.88	8.26	4.05	1.72	3.10	1981
1982	0.625	0.269	7.47	15.7	0.888	1.82	0.254	0.230	0.731	0.795	10.8	10.5	4.15	1982
1983	1.81	3.34	8.21	8.76	7.15	0.707	0.074	0.282	0.938	1.82	3.42	3.81	2.82	1983
1984	0.364	14.8	8.81	8.83	1.31	1.74	0.188	0.081	0.409	0.318	3.32	9.08	3.88	1984
MEAN	1.84	3.83	12.1	9.87	3.06	0.738	0.414	0.540	1.08	1.85	3.51	4.07	3.56	MEAN

LOCATION - LAT 43 46 58 N DRAINAGE AREA, 272 km²
LONG 80 38 20 W NATURAL FLOW

CONESTOGO RIVER ABOVE DRAYTON - STATION NO. 02GA039

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	129 AT 16:05 EST ON MAR 11	88.1 ON MAR 7	0.065 ON SEP 8	115 000	1973
1974	284 AT 00:13 EST ON MAY 17	122 ON MAY 17	0.013 ON AUG 22	112 000	1974
1975	368 AT 03:15 EST ON APR 18 *	238 ON APR 18 *	0.065 ON JUL 8	113 000	1975
1976	308 AT 03:59 EST ON MAR 21	188 ON MAR 21	0.088 ON AUG 27	135 000	1976
1977	258 AT 03:33 EST ON MAR 13	214 ON MAR 13	0.040 ON JUN 23	128 000	1977
1978	128 AT 20:46 EST ON APR 11	88.1 ON APR 11	0.031 ON SEP 8	93 100	1978
1979	178 AT 03:59 EST ON APR 14	153 ON APR 14	0.020 ON JUL 23	134 000	1979
1980	185 AT 14:33 EST ON MAR 21	113 ON MAR 21	0.038 ON AUG 27	77 800	1980
1981	131 AT 17:10 EST ON FEB 23	98.0 ON FEB 23	0.026 ON AUG 10	97 800	1981
1982	238 AT 20:40 EST ON MAR 31	110 B ON MAR 31	0.053 ON AUG 20	131 000	1982
1983	88.1 AT 05:12 EST ON MAY 20	35.3 ON MAY 20	0 ON JUN 28 *	85 100	1983
1984	140 AT 15:48 EST ON DEC 28	107 ON DEC 28	0.021 ON AUG 21	123 000	1984
				112 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CONESTOGO RIVER AT DRAYTON - STATION NO. 02GA017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	0.584	1.88	0.334	0.398	0.188	0.436	5.30	8.90	---	1950
1951	6.60	5.03	15.4	17.4	0.499	0.458	0.585	0.088	0.111	2.31	9.10	3.13	5.13	1951
1952	8.97	1.81	9.02	13.3	0.589	0.085	0.080	0.185	0.100	0.088	0.898	3.79	3.13	1952
1953	2.02	3.14	11.1	3.86	3.10	2.14	0.780	0.133	0.118	0.117	0.191	0.890	2.56	1953
1954	0.481	12.4	12.1	13.0	0.727	0.154	0.053	0.062	0.188	9.87	1.83	2.39	4.34	1954
1955	2.78	0.797	10.4	13.5	1.89	0.354	0.053	0.028	0.072	0.802	5.21	1.85	3.10	1955
1956	0.888	0.401	4.18	29.8	8.45	0.714	2.73	3.29	1.34	0.743	0.920	3.82	4.76	1956
1957	2.26	3.63	5.95	7.28	1.63	5.78	1.77	0.071	0.784	1.86	6.86	8.70	3.67	1957
1958	0.678	0.204	5.14	2.84	0.381	0.078	0.063	0.058	0.112	0.104	0.445	0.426	0.881	1958
1959	0.371	0.213	5.89	30.3	8.33	0.282	0.234	1.94	2.02	3.56	9.18	3.86	5.23	1959
1960	1.88	2.60	2.08	29.5	10.4	1.80	0.108	0.038	0.024	0.072	0.388	0.147	4.08	1960
1961	0.135	3.68	8.28	5.83	2.87	0.886	0.180	0.118	0.141	0.078	0.485	1.82	2.03	1961
1962	0.289	0.283	10.9	8.85	0.439	0.143	0.089	0.087	0.086	0.288	3.77	2.86	2.31	1962
1963	0.838	0.313	18.8	4.26	3.40	0.232	0.038	0.070	0.048	0.058	0.183	0.138	2.31	1963
1964	3.21	1.37	10.4	8.15	0.744	0.187	0.048	1.45	0.162	0.121	0.238	5.03	2.61	1964
1965	2.17	7.43	3.58	29.0	3.98	0.127	0.087	0.048	0.122	3.81	8.78	12.4	5.15	1965
1966	1.89	4.08	11.0	5.70	2.80	1.88	0.027	0.051	0.087	0.107	2.10	7.20	3.08	1966
1967	5.86	1.38	10.8	12.1	1.10	8.55	4.88	1.33	1.23	8.21	9.90	11.4	8.24	1967
1968	0.848	7.48	17.8	3.07	1.08	0.316	0.138	0.880	1.71	4.12	9.13	4.73	4.28	1968
1969	3.02	3.38	10.1	18.1	8.28	0.584	0.148	0.082	0.033	0.111	1.58	0.898	3.85	1969
1970	0.888	1.27	1.27	23.5	2.02	0.388	0.410	0.082	0.180	0.721	3.72	8.70	3.38	1970
1971	1.47	1.08	4.43	30.0	1.03	0.493	0.088	0.074	0.082	0.084	0.207	2.32	3.41	1971
1972	2.89	0.884	3.78	21.4	2.47	1.30	0.383	0.088	0.082	1.10	3.25	3.90	4.22	1972
MEAN	2.18	2.88	8.73	18.1	2.78	1.18	0.577	0.488	0.388	1.88	3.88	4.21	3.81	MEAN

LOCATION - LAT 43 45 25 N DRAINAGE AREA, 324 km²
LONG 80 40 18 W NATURAL FLOW

CONESTOGO RIVER AT DRAYTON - STATION NO. 02GA017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	0 ON AUG 24 *	---	1950
1951	171 R AT 18:00 EST ON MAR 30	119 ON MAR 30	0.057 ON AUG 8	182 000	1951
1952	149 R AT 22:30 EST ON MAR 31	123 ON APR 1	0.026 ON JUL 18	98 000	1952
1953	80.3R AT 13:00 EST ON MAY 2	45.0 ON MAY 2	0.057 ON JUL 27	60 700	1953
1954	---	137 B ON FEB 18	0.026 ON JUL 19	137 000	1954
1955	---	86.58 ON MAR 11	0 ON AUG 3	97 500	1955
1956	202 R AT 21:00 EST ON APR 4	157 ON APR 4 *	0.085 ON NOV 7	180 000	1956
1957	149 R AT 14:45 EST ON JUN 29	105 ON JUN 28	0.057 ON AUG 4	122 000	1957
1958	---	25.3 ON MAR 27	0.028 ON JUL 14	27 800	1958
1959	178 AT 22:00 EST ON APR 5	118 ON APR 5	0.040 ON JUN 26	165 000	1959
1960	194 AT 18:00 EST ON APR 3	141 ON APR 3	0.003 ON SEP 10	138 000	1960
1961	46.7 AT 21:00 EST ON MAR 27	32.38 ON FEB 24	0.003 ON AUG 22	84 200	1961
1962	190 AT 22:00 EST ON MAR 29	122 ON MAR 30	0.008 ON AUG 31	72 800	1962
1963	169 AT 21:00 EST ON MAR 27	128 ON MAR 27	0.005 ON JUL 8	89 800	1963
1964	114 AT 02:00 EST ON APR 8	80.0 ON DEC 25	0.011 ON JUL 5	78 400	1964
1965	135 AT 17:00 EST ON APR 7	89.8 ON FEB 10	0.025 ON JUL 28	152 000	1965
1966	106 AT 08:40 EST ON DEC 7	81.0 ON DEC 7	0.008 ON JUL 24	95 500	1966
1967	214 AT 02:00 EST ON APR 3	96.5 ON OCT 18	0.062 ON SEP 19	187 000	1967
1968	174 AT 03:30 EST ON NOV 29	85.8 ON NOV 28	0.062 ON JUL 28	135 000	1968
1969	97.7 AT 03:00 EST ON APR 5	80.7 ON APR 5	0.015 ON SEP 19	115 000	1969
1970	133 AT 21:10 EST ON APR 14	87.5 ON APR 14	0.042 ON AUG 18	107 000	1970
1971	108 AT 10:00 EST ON APR 11	86.98 ON APR 8	0.037 ON OCT 5	108 000	1971
1972	222 AT 22:30 EST ON APR 18 *	123 ON APR 18	0.026 ON SEP 1	134 000	1972
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980		114 000	MEAN

CONESTOGO RIVER AT GLEN ALLAN - STATION NO. 02GA028

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	---	---	15.8	18.2	5.78	---	1959
1960	4.41	5.48	2.77	40.1	15.8	4.58	4.48	5.22	5.21	5.32	0.608	0.480	6.01	1960
1961	0.236	0.235	0.375	3.34	6.09	3.67	4.46	4.55	5.22	5.56	3.48	2.62	3.27	1961
1962	0.686	0.699	1.68	8.77	3.09	2.62	4.80	4.28	2.47	2.74	4.66	6.30	3.73	1962
1963	1.14	0.807	8.37	5.06	5.67	3.96	4.00	2.71	4.33	3.21	3.03	1.92	3.66	1963
1964	2.66	2.91	7.06	3.35	0.099	0.374	4.59	3.63	5.23	5.28	3.96	3.70	3.69	1964
1965	7.92	6.71	9.52	15.6	7.43	3.63	3.04	3.50	3.34	3.29	12.4	21.8	8.30	1965
1966	15.3	2.78	5.66	5.47	4.59	5.69	5.48	4.69	4.37	3.45	1.90	5.16	5.42	1966
1967	8.46	13.6	8.23	17.2	2.71	11.3	10.4	4.24	5.29	8.64	17.2	23.4	10.8	1967
1968	9.20	10.3	8.36	4.04	3.36	4.45	4.41	3.06	5.29	12.9	12.4	12.0	7.56	1968
1969	4.84	6.33	4.21	30.0	11.2	4.32	5.61	4.77	1.96	4.31	1.75	2.56	6.96	1969
1970	1.63	1.05	1.88	18.4	3.36	5.12	3.11	4.59	4.46	2.14	1.96	10.4	4.71	1970
1971	5.37	2.04	7.66	19.4	3.52	3.39	3.03	3.31	5.10	4.26	0.337	2.16	4.97	1971
1972	3.41	1.39	6.55	27.5	4.14	4.68	4.59	5.40	6.25	5.83	4.07	5.86	6.84	1972
1973	10.3	6.55	22.4	7.11	6.67	6.39	6.71	5.22	5.27	2.95	2.30	3.61	6.99	1973
1974	6.14	10.6	12.3	18.6	20.4	2.68	2.84	4.52	4.91	4.04	1.99	1.37	7.52	1974
1975	3.67	2.93	11.4	24.5	2.78	2.68	4.05	4.42	5.12	4.88	4.56	12.2	8.86	1975
1976	8.37	8.63	36.9	10.6	7.30	3.78	6.53	3.78	6.23	6.63	4.37	4.57	6.75	1976
1977	2.91	0.719	20.6	8.50	2.53	2.61	2.65	3.58	6.38	19.2	8.22	14.6	7.93	1977
1978	2.33	1.20	7.45	27.5	4.45	4.10	5.18	5.49	5.67	3.89	3.65	2.74	6.13	1978
1979	3.53	1.01	25.5	26.6	3.82	6.42	5.09	3.72	3.30	3.52	3.18	16.4	8.37	1979
1980	13.2	0.820	2.35	14.6	2.97	3.66	3.68	3.56	3.23	4.52	8.40	8.61	5.67	1980
1981	2.23	16.3	4.65	4.22	3.05	4.07	4.29	5.26	3.33	12.6	8.29	13.8	6.78	1981
1982	2.81	0.533	9.71	24.3	4.17	3.06	3.56	4.80	6.91	4.74	12.1	26.4	8.82	1982
1983	7.52	3.87	2.83	10.6	14.6	3.93	3.72	4.25	6.83	6.06	6.06	12.1	6.88	1983
1984	3.80	16.6	14.2	7.65	3.46	3.60	3.42	4.02	3.44	4.61	8.10	16.0	7.23	1984
MEAN	5.22	4.99	9.58	15.3	5.84	4.19	4.51	4.26	5.00	5.20	5.76	9.15	6.62	MEAN

LOCATION - LAT 43 39 17 N
LONG 80 42 06 W

DRAINAGE AREA, 576 km^2
REGULATED

CONESTOGO RIVER AT GLEN ALLAN - STATION NO. 02GA025

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	---	---	1979
1980	240 AT 23:45 EST ON APR 4	215 ON APR 5	0.3408 ON DEC 28	283 000	1980
1981	24.0 AT 09:00 EST ON MAY 10	23.5 ON MAY 10	0.3278 ON JAN 11	103 000	1981
1982	44.7 AT 18:00 EST ON APR 7	44.5 ON APR 7	0.078 ON JUN 17	118 000	1982
1983	108 AT 20:00 EST ON MAR 30	104 ON MAR 31	0.088 ON OCT 16	118 000	1983
1984	48.8 AT 11:00 EST ON APR 8	24.7 ON APR 8	0.057 ON JUN 10	117 000	1984
1985	181 AT 23:00 EST ON MAY 10	75.6 ON MAY 11	0.340 ON MAY 4	282 000	1985
1986	43.3 AT 18:15 EST ON JAN 12	32.8 ON MAR 13	0.051 ON NOV 7	171 000	1986
1987	185 AT 05:00 EST ON APR 3	138 ON APR 3	0.184 ON SEP 4	341 000	1987
1988	135 AT 11:45 EST ON DEC 2	96.8 ON MAR 12	0.289 ON SEP 28	239 000	1988
1989	208 AT 14:57 EST ON APR 16	130 ON APR 16	0.0498 ON DEC 1 *	219 000	1989
1970	103 AT 09:43 EST ON APR 16	94.3 ON APR 15	0.108 ON OCT 23	149 000	1970
1971	77.0 AT 18:14 EST ON APR 13	71.8 ON APR 13	0.173 ON NOV 1	187 000	1971
1972	270 AT 02:06 EST ON APR 19	190 ON APR 19	1.01 E ON FEB 25	210 000	1972
1973	111.7 AT 23:45 EST ON MAR 11	76.5 ON MAR 12	1.37 ON NOV 16	221 000	1973
1974	447 AT 04:12 EST ON MAY 17 *	271 ON MAY 17 *	0.6808 ON DEC 26	237 000	1974
1975	210 AT 20:48 EST ON APR 19	181 ON APR 20	0.7938 ON JAN 5	219 000	1975
1976	189 AT 20:24 EST ON MAR 23	183 ON MAR 24	0.8088 ON FEB 5	277 000	1976
1977	78.1 AT 15:35 EST ON MAR 14	58.0 ON MAR 15	0.6148 ON FEB 22	250 000	1977
1978	159 AT 13:04 EST ON APR 13	145 ON APR 13	0.813 ON NOV 13	193 000	1978
1979	286 AT 07:12 EST ON APR 14	248 ON APR 14	0.8008 ON FEB 22	264 000	1979
1980	53.7 AT 10:58 EST ON APR 15	43.1 ON APR 15	0.4588 ON MAR 3	178 000	1980
1981	86.0 AT 15:40 EST ON FEB 23	86.6 ON FEB 24	0.4808 ON FEB 7	214 000	1981
1982	101 AT 14:46 EST ON APR 17	91.5 ON APR 3	0.4808 ON MAR 7	272 000	1982
1983	88.0 AT 18:10 EST ON MAY 20	49.5 ON MAY 21	0.3958 ON NOV 1	211 000	1983
1984	89.8 AT 18:49 EST ON MAR 22	81.9 ON MAR 23	0.4868 ON FEB 1	229 000	1984
				209 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CONESTOGO RIVER AT ST. JACOBS - STATION NO. 02GA006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	0.288	0.233	0.818	10.3	7.43	---	1913
1914	4.82	3.87	43.2	12.1	1.09	0.130	0.114	0.171	0.205	0.184	2.47	2.87	5.89	1914
1915	1.80	18.4	40.7	20.1	1.83	0.523	1.08	10.1	15.5	8.42	9.81	4.15	10.8	1915
1916	38.1	8.34	39.7	42.4	8.85	13.4	1.41	0.148	---	---	---	---	---	1916
MEAN	15.2	8.87	34.8	24.0	3.15	4.68	0.881	2.87	5.31	2.43	7.46	4.75	8.25	MEAN

LOCATION - LAT 43 32 28 N, LONG 80 33 13 W
DRAINAGE AREA, 790 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

CONESTOGO RIVER AT ST. JACOBS - STATION NO. 02GA006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	210 ON MAR 27 *	0.057 ON DEC 20 *	186 000	1914
1915	---	124 ON SEP 13	0.143 ON JUL 2	335 000	1915
1916	---	101 ON MAR 29	---	---	1916
				261 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CONESTOGO RIVER NEAR CONESTOGO - STATION NO. 02GA013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	10.8	9.74	8.89	---	1945
1946	---	---	43.8	1.87	2.12	1.19	0.624	0.387	0.275	0.588	1.19	---	---	1946
1947	---	---	---	86.0	32.7	16.8	5.85	1.08	0.610	0.863	1.26	9.38	---	1947
1948	1.83	8.84	81.8	13.4	5.14	0.870	0.863	0.376	0.191	0.441	3.82	1.79	9.78	1948
1949	12.3	10.8	38.1	7.14	1.12	0.288	0.485	0.188	0.328	1.01	0.788	23.8	8.61	1949
1950	23.8	5.60	27.8	38.7	2.25	2.85	1.50	1.48	1.13	1.50	8.62	19.8	11.2	1950
1951	15.4	11.8	28.8	37.1	2.68	2.04	3.15	0.748	1.30	4.43	17.6	7.41	11.8	1951
1952	16.8	8.68	33.1	31.0	2.90	1.07	0.785	0.807	0.780	0.535	1.68	8.41	7.61	1952
1953	7.02	7.38	29.7	8.85	20.8	8.18	2.28	0.986	0.813	0.837	0.831	2.19	7.63	1953
1954	1.73	33.3	31.9	26.4	3.75	0.813	0.285	0.258	0.617	38.7	4.83	8.22	11.8	1954
1955	8.80	1.88	27.8	31.4	4.57	1.22	0.256	0.292	0.383	1.03	13.1	4.52	7.77	1955
1956	2.00	1.34	15.8	61.8	28.6	2.11	7.27	10.4	4.00	1.77	2.18	10.3	12.3	1956
1957	8.83	9.33	18.4	18.5	4.81	9.18	5.18	0.894	1.88	3.78	13.8	22.8	9.10	1957
1958	2.88	1.38	9.48	2.88	1.82	3.88	4.08	2.47	1.72	---	---	---	---	1958
MEAN	8.71	9.20	32.1	26.6	6.87	3.88	2.61	1.84	1.08	5.47	6.08	10.3	9.78	MEAN

LOCATION - LAT 43 31 28 N, LONG 80 30 55 W
DRAINAGE AREA, 821 km^2
REGULATED

CONESTOGO RIVER NEAR CONESTOGO - STATION NO. 02GA013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	---	---	---	1946
1947	---	---	---	---	1947
1948	809R AT 01:00 EST ON MAR 20 *	566 E ON MAR 20	0.057 ON SEP 5 *	310 000	1948
1949	---	317 B ON DEC 22	0.085 ON JUN 10	288 000	1949
1950	---	382 ON APR 4	0.368 ON AUG 27	384 000	1950
1951	328R ON MAR 30	248 ON MAR 30	0.311 ON AUG 12	377 000	1951
1952	261R ON APR 2	227 ON APR 1	0.283 ON AUG 3	247 000	1952
1953	276R ON MAY 26	146 ON MAY 26	0.368 ON AUG 18	236 000	1953
1954	---	592 E ON OCT 16 *	0.113 ON JUL 25	378 000	1954
1955	---	123 ON APR 2	0.142 ON JUL 25	245 000	1955
1956	---	386 ON APR 4	0.368 ON AUG 22	389 000	1956
1957	276R ON DEC 21	203 ON DEC 21	0.255 ON AUG 18	287 000	1957
1958	---	37.4 ON MAR 29	0.566 ON SEP 3	---	1958
				309 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

CONISTON CREEK ABOVE WANAPITEI RIVER - STATION NO. 02DB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	1.35	0.513	0.222	0.334	1.11	1.70	1.10	0.437	---	1980
1981	0.217	2.71	2.03	3.06	0.867	0.631	0.680	0.311	2.36	1.68	0.633	0.423	1.27	1981
1982	0.187	0.324	1.05	5.76	0.787	0.466	0.178	0.083	0.877	1.55	1.52	2.46	1.27	1982
1983	0.356	0.034	1.67	3.66	2.63	0.701	0.146	0.365	0.621	1.85	0.804	0.523	1.11	1983
1984	0.404	1.76	1.62	2.34	2.07	2.13	0.630	0.308	0.726	1.27	2.95	2.00	1.81	1984
MEAN	0.292	1.20	1.59	3.71	1.64	0.887	0.371	0.278	1.12	1.58	1.40	1.17	1.25	MEAN

LOCATION - LAT 46 28 28 N DRAINAGE AREA, 89.0 km^2
LONG 80 48 18 W NATURAL FLOW

REMARKS - DATA PRIOR TO 1980 COLLECTED AND PUBLISHED BY ONT. MINISTRY OF THE ENVIRONMENT UNDER STATION NO. 02DB102

CONISTON CREEK ABOVE WANAPITEI RIVER - STATION NO. 02DB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	---	17.0 B ON FEB 24 *	0.180E ON AUG 28	40 000	1981
1982	---	15.0 B ON APR 13	0.034 ON AUG 12	40 100	1982
1983	21.8 AT 00:54 EST ON APR 15 *	14.6 ON APR 15	0.020E ON JAN 28 *	35 000	1983
1984	12.7 AT 15:15 EST ON NOV 1	8.59 ON NOV 2	0.180E ON MAR 11	47 700	1984
				40 700	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CONISTON CREEK NEAR CONISTON - STATION NO. 02DB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1942	---	---	---	5.28	0.927	0.536	0.184	0.132	0.751	0.742	1.83	0.298	---	1942
1943	0.185	0.207	0.616	5.47	1.31	2.73	0.690	0.736	2.78	0.442	1.36	0.285	1.48	1943
1944	0.185	0.158	0.387	4.36	1.19	1.10	0.329	0.183	1.37	1.33	0.804	0.261	0.880	1944
1945	0.185	0.188	3.84	1.72	3.18	0.731	0.263	0.466	1.62	1.72	2.02	0.311	1.38	1945
1946	0.650	0.142	4.78	0.682	1.24	0.328	0.135	0.415	0.214	0.382	1.28	1.14	0.872	1946
1947	0.170	0.227	1.33	5.51	1.62	2.36	0.402	1.16	2.07	0.268	0.661	0.249	1.39	1947
1948	0.170	0.113	3.98	3.48	0.676	0.364	0.335	0.234	0.148	0.473	2.67	0.828	1.05	1948
1949	0.481	0.316	2.25	2.63	0.931	0.641	0.218	0.338	0.198	0.287	0.342	0.849	0.784	1949
1950	2.03	0.340	2.88	4.10	1.03	0.492	---	---	---	---	---	---	---	1950
1951	---	---	---	5.98	0.467	0.481	0.703	0.301	---	---	---	---	---	1951
MEAN	0.630	0.213	2.48	4.42	1.24	0.983	0.331	0.441	1.12	0.718	1.32	0.472	1.14	MEAN

LOCATION - LAT 46 28 48 N DRAINAGE AREA, 84.8 km^2
LONG 80 48 10 W NATURAL FLOW

REMARKS - FORMERLY PUBLISHED AS "BURNT CREEK NEAR CONISTON"

CONISTON CREEK NEAR CONISTON - STATION NO. 02HB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1942	---	21.5 ON APR 2	---	---	1942
1943	---	19.8 ON APR 2	0.113E ON DEC 28	46 800	1943
1944	---	13.2 ON APR 12	0.113E ON JAN 1	30 100	1944
1945	---	29.4 ON MAY 28 *	0.057E ON JAN 26 *	42 800	1945
1946	---	20.4 ON MAR 15	0.085 ON JUL 27	30 700	1946
1947	---	23.1 ON JUN 15	0.170B ON JAN 1	43 800	1947
1948	---	18.0 ON MAR 25	0.113B ON FEB 1	33 200	1948
1949	---	15.3 ON MAR 29	0.085E ON JUL 20	24 200	1949
1950	---	28.3 ON MAR 28	0.227B ON MAR 1	---	1950
1951	---	---	---	---	1951
				35 900	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CONSECON CREEK AT ALLISONVILLE - STATION NO. 02HE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.224	0.513	5.78	3.71	1.25	0.126	0.143	0.032	0.008	0.021	1.68	1.57	1.28	1970
1971	0.611	0.844	4.08	11.2	1.10	0.149	0.008	0	0	0.001	0.002	0.214	1.47	1971
1972	0.880	0.488	2.15	7.89	1.22	0.535	0.184	0.121	0.017	0.782	2.93	2.75	1.84	1972
1973	2.56	2.14	6.36	3.37	1.37	0.316	0.017	0.001	0.001	0.007	0.138	0.870	1.41	1973
1974	3.23	1.08	2.99	5.27	2.62	0.362	0.030	0.003	0.002	0.004	0.098	1.06	1.40	1974
1975	2.61	2.35	5.67	3.18	0.786	0.293	0.004	0	0.005	0.009	0.080	1.20	1.34	1975
1976	0.812	4.71	7.84	2.58	1.83	0.301	0.188	0.055	0.022	0.129	0.278	0.328	1.58	1976
1977	0.206	0.201	8.34	2.35	0.515	0.014	0.002	0.002	0.033	0.531	2.26	3.34	1.50	1977
1978	2.23	1.28	3.12	10.6	0.948	0.068	0.008	0.003	0.004	0.011	0.095	0.715	1.58	1978
1979	1.55	1.35	8.68	3.76	1.11	0.045	0.005	0.002	0.008	0.095	1.58	3.26	1.81	1979
1980	0.887	0.126	8.08	3.27	1.26	0.271	0.871	0.185	0.040	0.337	1.09	1.90	1.35	1980
1981	0.369	8.44	1.45	1.13	0.886	0.224	0.121	0.075	2.56	0.888	1.33	0.541	1.48	1981
1982	0.618	0.372	7.40	4.78	0.611	1.48	0.418	0.088	0.036	0.304	2.02	2.81	1.73	1982
1983	1.01	1.05	2.78	3.38	2.98	0.423	0.008	0.001	0.001	0.011	0.853	2.24	1.23	1983
1984	0.388	3.87	3.46	8.27	1.57	0.362	0.022	0.012	0.006	0.006	0.014	0.186	1.24	1984
MEAN	1.34	1.69	5.01	4.87	1.33	0.329	0.120	0.036	0.184	0.214	0.868	1.50	1.47	MEAN

LOCATION - LAT 44 01 40 N
LONG 77 22 00 W
DRAINAGE AREA, 114 km^2
REGULATED SINCE 1969

CONSECON CREEK AT ALLISONVILLE - STATION NO. 02HE002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	23.0 AT 20:11 EST ON MAR 27	21.4 ON MAR 27	0.001 ON AUG 29	38 700	1970
1971	27.5 AT 19:52 EST ON APR 7	25.1 ON APR 8	0 ON JUL 12 *	48 400	1971
1972	27.5 AT 13:15 EST ON APR 3	24.4 ON APR 3	0.008 ON SEP 21	51 800	1972
1973	21.0 AT 00:15 EST ON MAR 15	18.3 ON MAR 15	0 ON AUG 13	44 500	1973
1974	26.1 AT 19:08 EST ON JAN 27	20.4 ON APR 4	0.001 ON AUG 22	43 900	1974
1975	21.4 AT 14:08 EST ON MAR 21	19.4 ON MAR 20	0 ON JUL 11	42 200	1975
1976	19.7 AT 16:49 EST ON MAR 21	17.0 ON MAR 22	0.004 ON SEP 7	49 400	1976
1977	30.1 AT 06:50 EST ON MAR 13	28.7 ON MAR 13	0 ON JUL 28	47 200	1977
1978	36.58 AT 17:26 EST ON APR 2	31.1 B ON APR 2	0.001 ON AUG 20	53 000	1978
1979	23.5 AT 08:17 EST ON MAR 8	20.7 ON MAR 8	0.001 ON JUL 18	57 200	1979
1980	---	49.8 E ON MAR 22 *	0.004 ON AUG 24	42 700	1980
1981	43.8 AT 03:21 EST ON FEB 21 *	41.5 ON FEB 21	0.004 ON AUG 6	45 700	1981
1982	36.1 AT 05:34 EST ON MAR 23	31.9 ON MAR 23	0.004 ON AUG 21	54 600	1982
1983	---	8.208 ON DEC 15	0 ON JUL 26	38 700	1983
1984	38.78 AT 16:30 EST ON FEB 16	24.0 B ON FEB 16	0.004 ON OCT 2	39 300	1984
				46 400	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CREDIT RIVER ALTON BRANCH ABOVE ALTON - STATION NO. 02HB018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	1.32	1.43	0.835	0.353	0.400	0.388	0.511	0.884	0.881	---	1983
1984	0.414	1.05	0.970	1.55	0.778	0.550	0.458	0.388	0.512	0.488	0.700	0.834	0.730	1984
MEAN	0.414	1.05	0.970	1.44	1.10	0.588	0.410	0.383	0.458	0.500	0.882	0.808	0.730	MEAN

LOCATION - LAT 43 51 14 N
LONG 80 05 03 W
DRAINAGE AREA, 59.5 km^2
REGULATED

REMARKS - NEW STATION EFFECTIVE APR 1983

CREDIT RIVER ALTON BRANCH ABOVE ALTON - STATION NO. 02HB019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	3.58 AT 20:47 EST ON MAY 2 *	---	0.170 ON SEP 15 *	---	1983
1984	3.17 AT 13:15 EST ON APR 5	2.93 ON APR 5 *	0.298 ON AUG 17	23 100	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		23 100	MEAN

CREDIT RIVER AT BOSTON MILLS - STATION NO. 02HB018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	3.29	3.23	5.69	8.21	---	1982
1983	5.38	6.51	8.71	8.25	9.12	4.09	2.84	3.01	2.75	3.46	4.25	4.21	5.02	1983
1984	2.91	5.38	7.71	11.0	5.70	3.72	2.86	2.35	3.04	2.79	4.10	4.92	4.93	1984
MEAN	4.14	7.40	7.21	9.63	7.41	3.91	2.75	2.68	3.03	3.16	4.68	5.78	4.98	MEAN

LOCATION - LAT 43 46 26 N DRAINAGE AREA, 402 km^2
LONG 79 56 39 W REGULATED

REMARKS - GAUGE OPERATIONAL AUG 27 1982

CREDIT RIVER AT BOSTON MILLS - STATION NO. 02HB018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	25.3 AT 09:25 EST ON MAY 3	24.6 ON MAY 3	1.85 ON SEP 15	158 000	1983
1984	30.7 AT 03:14 EST ON APR 5 *	27.2 ON APR 5 *	1.82 ON AUG 18 *	158 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		157 000	MEAN

CREDIT RIVER AT ERINDALE - STATION NO. 02HB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	8.33	7.27	6.51	---	1945
1946	---	---	30.3	9.45	3.37	3.85	2.10	1.68	1.38	1.02	1.83	2.52	---	1946
1947	---	---	---	35.4	9.26	33.8	12.4	3.75	1.73	1.36	0.410	0.531	---	1947
1948	---	---	47.3	8.05	3.48	3.00	3.69	2.13	2.04	2.92	4.49	4.26	---	1948
1949	6.37	12.9	13.1	7.01	3.16	1.94	1.92	1.11	1.84	2.91	2.55	9.43	5.30	1949
1950	10.5	8.29	19.5	31.2	8.89	11.1	2.45	2.44	1.86	2.38	3.02	7.70	8.18	1950
1951	8.31	12.6	18.0	21.5	6.75	3.09	3.53	2.40	2.30	3.01	8.28	3.57	7.61	1951
1952	14.7	11.5	22.4	28.9	7.37	3.21	2.64	2.94	2.78	2.95	4.43	4.44	8.84	1952
1953	6.85	8.26	11.9	5.58	9.98	6.35	3.96	3.13	2.84	2.90	2.97	3.43	5.55	1953
1954	4.53	15.5	24.1	18.5	6.34	3.96	2.19	2.18	2.50	18.5	5.75	10.6	9.69	1954
1955	8.17	8.76	22.6	20.9	5.07	2.84	1.81	2.52	2.04	3.52	7.85	5.37	7.59	1955
1956	6.13	6.45	21.2	31.4	23.1	7.45	7.86	7.07	6.21	3.86	4.24	6.48	11.0	1956
1957	8.68	13.4	18.0	14.3	7.67	5.09	3.84	2.12	3.19	3.53	4.73	7.19	7.44	1957
1958	3.38	3.95	12.3	7.89	3.93	2.17	2.18	1.72	3.22	2.43	3.27	1.97	3.98	1958
1959	2.40	4.43	19.9	21.8	5.91	2.52	2.28	1.84	1.83	2.98	3.80	4.39	5.18	1959
1960	3.42	3.61	8.53	31.1	25.5	7.97	5.30	4.10	2.61	3.08	4.54	3.08	8.57	1960
1961	1.37	12.0	12.5	14.5	7.68	5.23	2.67	2.94	2.89	2.22	3.28	3.75	5.90	1961
1962	2.89	3.19	18.6	9.99	3.78	2.63	2.20	1.85	1.82	4.90	12.2	4.80	5.57	1962
1963	2.70	2.31	16.2	7.95	5.80	2.51	2.32	2.73	2.08	1.84	2.77	2.08	4.38	1963
1964	4.54	3.33	15.2	11.5	5.67	3.03	3.04	3.07	2.37	2.44	2.98	4.80	5.25	1964
1965	7.13	17.2	11.1	35.8	8.98	2.74	2.86	2.15	2.41	5.07	8.73	9.24	8.43	1965
1966	6.83	26.1	18.4	9.09	7.23	5.15	1.87	1.95	2.20	2.30	4.47	8.87	7.89	1966
1967	7.74	4.84	15.5	21.1	8.94	10.8	6.87	4.89	3.82	5.67	7.58	11.9	9.22	1967
1968	5.30	8.79	26.4	9.86	7.63	5.24	3.88	7.07	6.43	5.44	11.4	8.86	8.89	1968
1969	8.32	7.03	21.0	26.8	12.7	6.12	5.15	4.80	2.00	3.74	5.70	4.59	9.24	1969
1970	4.14	4.85	10.7	23.3	7.44	3.80	4.20	3.18	4.08	4.58	7.07	8.58	7.15	1970
1971	6.82	8.89	13.0	22.4	5.18	4.92	4.75	3.79	2.89	3.10	3.80	7.18	6.92	1971
1972	8.29	4.75	12.8	40.1	8.05	6.21	5.27	3.63	3.05	5.27	7.43	6.02	9.38	1972
1973	11.5	10.1	33.9	15.6	10.2	5.70	3.33	3.94	3.03	4.70	8.58	8.48	10.0	1973
1974	14.8	9.24	22.2	17.0	28.0	8.53	4.33	3.57	3.90	4.30	8.88	4.18	10.8	1974
1975	8.18	14.3	18.7	35.0	10.0	4.48	2.85	3.80	3.95	3.63	4.31	5.33	8.21	1975
1976	2.81	16.8	36.8	16.8	15.3	5.47	5.48	3.87	5.17	5.21	4.17	2.72	8.65	1976
1977	2.81	3.92	27.5	12.3	4.40	3.02	3.23	3.73	9.07	12.9	10.8	14.8	9.10	1977
1978	7.02	5.67	15.1	32.2	12.7	5.35	2.99	3.39	5.72	4.76	5.33	5.17	8.79	1978
1979	5.75	4.09	30.2	25.6	15.2	8.14	3.92	3.92	3.68	4.38	7.38	13.2	10.2	1979
1980	4.89	2.87	12.9	18.5	7.70	5.78	8.09	3.92	4.14	4.80	4.35	5.46	6.80	1980
1981	3.28	20.8	6.84	8.69	8.35	4.17	5.47	8.02	7.42	8.34	8.21	5.19	7.28	1981
1982	3.84	3.47	32.6	35.4	8.48	12.5	5.43	5.44	8.30	5.58	11.6	18.6	10.6	1982
1983	8.45	12.0	14.0	18.1	17.4	7.01	5.18	5.20	5.21	5.94	8.04	8.68	9.88	1983
MEAN	6.30	9.18	18.3	18.2	8.03	5.96	4.03	3.42	3.48	4.57	5.75	6.61	8.01	MEAN

LOCATION - LAT 43 32 34 N DRAINAGE AREA, 795 km^2
LONG 79 39 26 W REGULATED

CREDIT RIVER AT ERINDALE - STATION NO. 02HB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	132 ON MAR 9	0.085 ON SEP 10 *	---	1946
1947	---	148 ON JUN 2	0.113 ON OCT 28	---	1947
1948	---	231 ON MAR 16	0.198 ON SEP 3	---	1948
1949	---	83.4 ON MAR 23	0.368 ON AUG 8	187 000	1949
1950	---	214 ON APR 5	0.736 ON SEP 22	289 000	1950
1951	---	107 ON MAR 30	1.78 ON SEP 28	240 000	1951
1952	---	84.7 ON APR 6	1.87 ON JUL 7	280 000	1952
1953	---	39.4 ON FEB 21	1.85 B ON DEC 16	175 000	1953
1954	---	317 ON OCT 16	1.73 ON JUL 15	305 000	1954
1955	---	103 ON APR 15	1.27 ON JUL 31	240 000	1955
1956	---	120 ON APR 5	2.87 ON NOV 19	347 000	1956
1957	---	90.68 ON FEB 25	0.736 ON JUL 26	234 000	1957
1958	---	26.38 ON MAR 3	0.834 ON AUG 30	125 000	1958
1959	---	87.5 ON APR 2	0.906 ON SEP 8	196 000	1959
1960	---	158 ON MAY 8	2.07 ON SEP 11	271 000	1960
1961	---	46.2 ON APR 15	1.02 B ON FEB 1	188 000	1961
1962	---	149 ON NOV 10	1.22 ON JUL 21	178 000	1962
1963	---	84.7 ON MAR 27	1.34 ON JUL 7	138 000	1963
1964	157 B AT 09:00 EST ON MAR 5	85.18 ON MAR 4	1.51 ON JUL 25	185 000	1964
1965	145 AT 05:00 EST ON FEB 11	111 ON FEB 11	1.58 ON AUG 24	288 000	1965
1966	---	113 B ON FEB 12	1.39 ON JUL 24	249 000	1966
1967	114 AT 11:30 EST ON APR 3	84.9 ON APR 3	2.81 ON SEP 17	291 000	1967
1968	87.2 AT 01:30 EST ON MAR 21	75.0 ON NOV 28	2.74 ON AUG 18	281 000	1968
1969	102 E AT 21:17 EST ON APR 18	70.2 ON MAR 21	2.63 ON SEP 14	291 000	1969
1970	---	59.2E ON APR 8	2.41 ON AUG 18	225 000	1970
1971	72.5 AT 08:08 EST ON APR 2	62.0 ON APR 2	2.04 E ON OCT 3	214 000	1971
1972	---	106 E ON APR 13	2.40 ON SEP 2	297 000	1972
1973	153 AT 21:33 EST ON MAR 11	84.7 ON MAR 12	2.35 ON SEP 8	318 000	1973
1974	501 AT 08:36 EST ON MAY 17 *	337 ON MAY 17 *	3.03 ON AUG 22	331 000	1974
1975	255 AT 01:45 EST ON FEB 25	182 ON APR 19	1.99 ON JUL 7	259 000	1975
1976	193 AT 20:26 EST ON MAR 20	169 ON MAR 21	2.38 B ON JAN 23	311 000	1976
1977	204 AT 11:34 EST ON MAR 13	148 ON MAR 13	2.19 ON JUL 28	287 000	1977
1978	128 AT 22:36 EST ON APR 1	76.2 ON APR 7	2.32 ON JUL 20	277 000	1978
1979	128 AT 14:40 EST ON DEC 25	114 ON DEC 25	2.31 B ON DEC 16	321 000	1979
1980	149 AT 20:16 EST ON MAR 21	93.3 ON MAR 22	2.30 E ON MAR 3	215 000	1980
1981	---	80.0E ON FEB 19	2.60 E ON JAN 3	230 000	1981
1982	160 AT 11:57 EST ON JUN 29	116 ON APR 1	2.30 E ON FEB 14	342 000	1982
1983	89.0 AT 01:35 EST ON MAY 3	60.0E ON FEB 3	4.20 E ON DEC 21	304 000	1983
				253 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CREDIT RIVER ERIN BRANCH ABOVE ERIN - STATION NO. 02HB020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	0.688	0.744	0.375	0.255	0.301	0.258	0.307	0.438	0.400	---	1983
1984	0.381	0.674	0.749	0.850	0.853	0.414	0.311	0.283	0.383	0.415	0.451	0.497	0.492	1984
MEAN	0.361	0.674	0.749	0.773	0.849	0.395	0.283	0.277	0.321	0.361	0.444	0.449	0.493	MEAN

LOCATION - LAT 43 46 20 N LONG 80 05 35 W
DRAINAGE AREA, 32.3 km^2
REGULATED

REMARKS - NEW STATION EFFECTIVE APR 1983

CREDIT RIVER ERIN BRANCH ABOVE ERIN - STATION NO. 02HB020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	2.39 AT 22:12 EST ON MAY 2	---	0.170E ON SEP 15 *	---	1983
1984	3.44 AT 10:26 EST ON MAR 17 *	2.23 ON MAR 17 *	0.208E ON AUG 18	15 800	1984
				15 800	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	0.787	0.883	1.51	1.89	1.34	1.88	1.48	---	1915
1916	4.16	3.71	4.40	7.53	2.17	1.88	0.882	0.636	0.540	0.904	0.978	1.34	2.42	1916
1917	1.80	1.55	5.75	3.20	1.35	1.08	2.09	0.810	0.709	0.941	0.832	0.812	1.78	1917
1918	2.72	8.17	12.7	2.33	1.17	0.782	0.572	0.573	0.888	0.815	0.831	1.28	2.70	1918
1919	3.24	0.564	5.74	2.19	2.32	1.15	0.811	0.578	0.550	0.835	1.13	1.07	1.78	1919
1920	0.385	0.537	7.08	2.18	1.54	1.83	1.08	0.778	0.808	0.934	1.24	1.33	1.81	1920
1921	1.07	1.04	5.08	2.57	1.31	1.05	1.17	0.815	0.730	1.12	1.12	1.78	1.58	1921
1922	1.07	0.858	3.88	5.83	1.38	1.04	0.891	0.723	0.743	0.782	0.830	0.836	1.87	1922
1923	0.821	0.386	1.61	7.37	2.43	1.13	0.815	1.04	0.808	0.582	0.712	1.27	1.58	1923
1924	0.839	0.425	1.83	5.33	4.13	1.18	1.08	1.01	0.812	0.850	0.788	0.908	1.58	1924
1925	0.842	1.71	6.21	1.49	0.634	0.859	0.575	0.542	0.873	0.902	1.84	0.901	1.40	1925
1926	1.27	1.13	2.47	12.0	1.76	1.12	0.701	1.26	1.00	1.18	2.18	1.47	2.28	1926
1927	0.880	0.991	5.47	2.03	1.81	1.84	1.12	0.728	0.887	0.788	1.18	1.33	1.84	1927
1928	1.10	0.865	4.50	4.00	1.40	1.17	2.05	1.12	0.784	1.25	1.54	1.55	1.78	1928
1929	1.53	1.04	7.66	7.48	2.07	0.832	0.848	0.607	0.480	0.852	1.08	0.785	2.12	1929
1930	3.17	6.43	2.27	5.71	1.93	1.08	0.781	0.485	0.485	0.513	0.872	0.793	2.01	1930
1931	0.851	0.566	0.805	2.75	0.986	0.817	1.18	0.755	0.711	0.815	1.38	1.90	1.12	1931
1932	4.05	5.15	3.91	5.48	1.98	1.11	1.09	1.09	1.31	1.23	2.30	2.07	2.56	1932
1933	2.24	2.12	2.68	5.76	2.44	1.09	0.753	0.686	0.653	0.600	1.10	1.42	1.80	1933
1934	2.72	0.708	5.52	6.24	1.09	0.806	0.588	0.557	0.575	0.649	1.03	0.963	1.78	1934
1935	1.87	0.765	3.73	1.15	1.16	1.57	1.05	0.656	0.715	0.872	1.53	1.13	1.38	1935
1936	0.708	0.851	5.00	3.40	1.53	1.34	0.779	0.736	1.05	1.33	1.48	1.85	1.87	1936
1937	5.04	4.90	1.21	4.05	2.08	0.881	0.770	0.697	0.802	1.05	1.25	0.850	1.94	1937
1938	0.793	3.43	4.14	1.72	1.58	0.828	0.790	0.793	0.784	0.775	0.942	0.921	1.48	1938
1939	1.22	0.934	2.30	6.84	1.75	1.21	0.925	0.785	0.824	1.01	1.09	0.854	1.83	1939
1940	0.851	0.340	0.227	4.48	1.89	2.13	0.782	0.728	1.18	1.08	1.41	1.90	1.40	1940
1941	1.47	1.13	1.30	4.15	0.998	0.858	0.678	0.707	0.824	1.02	1.20	0.998	1.28	1941
1942	1.18	0.850	8.03	2.88	2.05	1.85	0.917	0.685	1.51	1.48	2.18	1.38	1.88	1942
1943	1.47	2.55	5.41	5.52	4.84	1.86	1.15	0.985	1.04	1.08	1.23	0.952	2.32	1943
1944	0.736	0.850	3.05	5.73	1.73	1.23	0.858	0.683	0.578	0.709	0.784	0.834	1.44	1944
1945	0.708	0.538	3.30	1.97	2.85	1.50	0.882	0.853	0.773	1.18	1.08	0.878	1.34	1945
1946	2.29	1.73	5.28	1.03	1.01	0.734	0.683	0.682	0.680	0.834	0.827	0.878	1.32	1946
1947	0.934	0.850	1.58	7.38	3.68	3.40	1.35	1.19	1.08	0.887	1.14	1.43	2.07	1947
1948	1.10	1.13	8.43	2.88	1.48	0.812	0.780	0.525	0.585	0.883	1.32	0.787	1.83	1948
1949	1.93	1.93	4.70	2.03	0.984	0.568	0.588	0.378	0.739	1.08	0.837	2.48	1.52	1949
1950	3.02	1.88	4.08	8.28	1.28	0.887	0.781	0.858	0.748	0.784	0.871	1.22	2.10	1950
1951	1.93	2.84	3.21	5.20	1.22	1.00	0.815	0.580	0.643	0.985	2.58	1.08	1.84	1951
1952	1.33	1.25	2.82	4.38	1.08	0.742	0.612	0.619	0.624	0.998	1.47	1.38	1.42	1952
1953	1.88	1.87	3.73	1.84	2.38	1.67	1.57	1.08	1.09	1.18	1.19	1.28	1.88	1953
1954	2.04	2.88	6.00	5.05	1.83	1.51	0.916	1.09	1.39	4.78	1.87	1.77	2.82	1954
1955	3.08	1.67	4.85	5.80	1.83	1.57	0.889	1.28	1.13	2.12	2.58	1.81	2.38	1955
1956	1.78	1.17	2.00	9.49	4.54	1.78	2.22	2.17	1.88	1.40	1.43	1.88	2.82	1956
1957	1.57	2.82	2.82	2.87	1.83	1.48	1.06	0.608	0.991	0.982	1.28	1.90	1.81	1957
1958	0.974	0.913	1.58	1.75	0.897	0.828	0.587	0.508	0.790	0.730	0.783	0.883	0.889	1958
1959	0.700	0.694	1.48	8.32	2.08	0.912	0.785	0.688	0.908	1.34	1.68	1.34	1.78	1959
1960	1.22	1.18	1.18	7.07	4.49	1.85	1.34	1.10	0.900	1.08	1.43	0.943	1.88	1960
1961	0.818	2.47	2.89	2.61	1.80	1.28	0.788	0.740	0.812	0.728	0.948	0.988	1.38	1961
1962	0.670	0.680	2.11	2.45	0.908	0.682	0.679	0.547	0.588	1.04	1.78	1.21	1.11	1962
1963	0.700	0.868	3.10	1.80	1.45	0.551	0.537	0.771	0.851	0.674	0.917	0.815	1.03	1963
1964	0.902	0.859	2.01	2.48	1.32	0.778	0.887	1.08	0.584	0.737	0.878	1.18	1.12	1964
1965	1.22	3.41	1.82	8.33	1.87	0.783	0.884	0.734	0.752	1.38	1.44	1.88	1.80	1965
1966	1.31	1.83	2.95	1.95	1.89	1.28	0.859	0.980	0.847	0.816	1.35	1.42	1.44	1966
1967	1.37	1.26	2.08	3.68	1.43	1.93	1.65	1.40	1.09	1.63	1.83	2.85	1.85	1967
1968	1.53	2.42	5.48	2.69	2.18	1.53	1.20	1.93	1.84	1.80	2.18	2.24	2.23	1968
1969	1.88	1.94	3.75	8.72	3.10	2.16	1.70	1.35	0.900	1.21	1.70	1.17	2.29	1969
1970	0.882	1.02	1.10	3.58	1.88	1.07	1.18	0.988	1.40	1.44	1.82	1.83	1.47	1970
1971	1.32	1.40	1.54	4.80	1.52	1.38	1.38	1.37	1.05	1.03	1.24	1.78	1.63	1971
1972	1.32	1.04	1.18	8.78	1.97	1.65	1.14	1.00	1.01	1.48	1.47	1.83	1.78	1972
1973	1.78	1.88	4.82	3.50	2.40	1.58	0.887	1.38	0.948	1.21	1.88	1.68	1.87	1973
1974	1.87	1.57	4.41	4.32	3.32	1.58	0.980	0.889	1.05	1.14	1.48	1.15	1.88	1974
1975	1.18	1.47	2.10	4.89	1.95	1.29	1.01	1.11	1.24	1.08	1.18	1.31	1.83	1975
1976	1.08	1.48	5.71	3.28	2.53	1.43	1.48	1.23	1.38	1.57	1.36	1.04	1.97	1976
1977	0.802	0.838	4.03	2.25	1.04	0.841	0.853	1.10	1.51	2.27	1.83	2.13	1.88	1977
1978	1.88	1.82	1.80	8.31	3.10	1.43	0.995	1.24	1.89	1.82	1.88	1.83	2.08	1978
1979	1.88	1.27	4.85	5.02	2.84	1.88	1.32	1.23	1.13	1.48	1.80	1.97	2.18	1979
1980	1.91	1.13	3.45	3.33	1.80	1.47	1.88	1.20	1.29	1.43	1.32	1.80	1.78	1980
1981	0.888	3.22	1.74	1.85	1.28	1.08	1.23	1.10	1.44	1.88	1.81	1.85	1.88	1981
1982	1.23	1.13	2.20	8.48	1.58	1.99	1.18	1.38	1.45	1.38	2.34	3.37	2.14	1982
1983	2.07	2.49	2.70	3.17	3.84	1.78	1.24	1.32	1.24	1.42	1.30	1.89	2.04	1983
1984	1.23	2.88	2.80	4.48	2.28	1.89	1.28	1.10	1.28	1.18	1.78	1.88	1.98	1984
MEAN	1.55	1.73	3.80	4.38	1.98	1.28	1.01	0.918	0.930	1.18	1.40	1.38	1.77	MEAN

LOCATION - LAT 43 50 08 N DRAINAGE AREA, 205 km²
LONG 80 01 21 W REGULATED

REMARKS - NUMEROUS STATION LOCATION CHANGES

CREDIT RIVER NEAR CATARACT - STATION NO. 02HB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	31.7 ON MAR 30	0.283 ON MAR 14	75 800	1916
1917	---	30.0 ON MAR 26	0.170 ON DEC 5 *	55 100	1917
1918	---	35.7 ON MAR 21	0.396 ON AUG 3	85 200	1918
1919	---	86.8 ON MAR 16 *	0.255 ON FEB 14	55 700	1919
1920	---	35.1 ON MAR 17	0.3408 ON JAN 23	50 900	1920
1921	---	22.7 ON MAR 8	0.586 ON JUN 26	49 700	1921
1922	---	21.7 ON APR 5	0.425 ON AUG 20	49 500	1922
1923	---	32.8 ON APR 8	0.3988 ON FEB 1	49 900	1923
1924	---	26.6 ON APR 8	0.3988 ON MAR 1	49 400	1924
1925	---	47.9 ON MAR 19	0.340 ON JUL 19	44 100	1925
1926	---	31.7 ON APR 14	0.538 ON JUL 4	72 200	1926
1927	---	34.0 ON MAR 14	0.425 ON AUG 21	51 500	1927
1928	---	21.7 ON MAR 26	0.453 ON SEP 9	58 400	1928
1929	---	43.6 ON APR 6	0.388 ON SEP 4	58 700	1929
1930	---	15.8 ON APR 7	0.388 ON SEP 5	52 300	1930
1931	---	7.93 ON APR 10	0.481 ON AUG 20	35 200	1931
1932	---	17.7 ON APR 8	0.736 ON SEP 3	80 800	1932
1933	---	20.7 ON APR 1	0.481 ON AUG 6	56 900	1933
1934	---	18.7 ON APR 2	0.453 ON JUL 27	56 800	1934
1935	---	18.4 ON MAR 17	0.453 ON SEP 12	42 800	1935
1936	---	22.4 ON MAR 27	0.538 ON AUG 13	52 700	1936
1937	---	12.0 ON APR 6	0.368 ON AUG 2	61 300	1937
1938	---	13.4 ON MAR 21	0.283 ON AUG 28	45 800	1938
1939	---	20.0 ON APR 19	0.538 ON AUG 7	51 500	1939
1940	---	16.4 ON APR 9	0.2278 ON MAR 1	44 100	1940
1941	---	13.1 ON APR 6	0.538 ON JUN 12	40 800	1941
1942	---	33.7 ON MAR 17	0.510 ON JUL 8	59 800	1942
1943	---	19.4 ON APR 1	0.510 ON AUG 1	73 100	1943
1944	---	19.4 ON APR 10	0.311 ON AUG 14	45 800	1944
1945	---	11.4 ON MAR 18	0.510 ON JUN 28	42 100	1945
1946	---	23.2 ON MAR 7	0.311 ON JUL 14	41 800	1946
1947	---	24.1 ON APR 12	0.510 ON AUG 8	85 100	1947
1948	---	33.7 ON MAR 21	0.311 ON SEP 1	48 400	1948
1949	---	18.1 ON MAR 28	0.311 ON AUG 7	47 900	1949
1950	---	56.6 E ON APR 4	0.396 ON AUG 14	66 200	1950
1951	---	27.0 ON MAR 31	0.396 ON JUL 20	57 900	1951
1952	---	14.0 ON APR 1	0.510 ON JUL 10	44 900	1952
1953	---	11.2 ON MAR 4	0.680 ON AUG 30	53 400	1953
1954	---	29.2 E ON MAR 1	0.680 ON JUL 13	82 600	1954
1955	---	16.2 ON MAR 11	0.736 ON JUL 20	74 900	1955
1956	---	41.6 ON APR 5	0.850 ON MAR 4	82 900	1956
1957	---	20.0 ON FEB 28	0.566 ON AUG 2	50 900	1957
1958	---	3.45 ON MAR 28	0.340 ON AUG 14	28 400	1958
1959	---	18.8 ON APR 8	0.481 ON JUL 12	55 200	1959
1960	---	14.0 ON MAY 9	0.782 ON SEP 1	62 500	1960
1961	---	14.4 ON FEB 24	0.623 ON OCT 27	43 500	1961
1962	---	14.2 ON MAR 30	0.425 ON JUL 10	35 100	1962
1963	---	16.8 ON MAR 26	0.340 ON JUL 2	32 500	1963
1964	---	6.40 ON APR 7	0.396 ON JUL 21	35 500	1964
1965	---	21.4 ON APR 12	0.487 ON AUG 25	56 900	1965
1966	---	8.04 ON FEB 11	0.436 ON JUL 19	45 300	1966
1967	18.2 AT 11:45 EST ON APR 3	15.9 ON APR 3	0.714 ON SEP 18	58 300	1967
1968	17.4 AT 22:45 EST ON MAR 20	14.5 ON MAR 21	0.926 ON AUG 16	70 800	1968
1969	19.1 AT 19:50 EST ON APR 18	16.4 ON APR 5	0.818 ON SEP 15	72 400	1969
1970	8.92 AT 20:47 EST ON APR 9	7.83 ON APR 21	0.894 ON AUG 18	46 500	1970
1971	14.5 AT 08:56 EST ON APR 13	14.1 ON APR 13	0.714 ON OCT 20	51 200	1971
1972	26.9 AT 01:21 EST ON APR 19	24.9 ON APR 18	0.697 ON JUL 30	56 500	1972
1973	15.9 AT 11:24 EST ON MAR 12	14.4 ON MAR 12	0.750 ON JUL 18	82 300	1973
1974	27.1 AT 10:20 EST ON MAR 7	24.6 ON MAR 7	0.685 ON AUG 18	61 900	1974
1975	35.4 AT 13:54 EST ON APR 19 *	28.9 ON APR 18	0.894 ON JUL 7	61 300	1975
1976	30.9 AT 07:19 EST ON MAR 21	26.9 ON MAR 21	0.731 ON AUG 28	62 200	1976
1977	22.1 AT 20:51 EST ON MAR 13	17.7 ON MAR 13	0.587 ON JUL 28	52 200	1977
1978	17.5 AT 02:34 EST ON APR 12	15.2 ON APR 12	0.807 ON JUL 19	64 800	1978
1979	23.0 AT 20:22 EST ON APR 14	17.8 ON APR 14	0.980 ON SEP 28	67 700	1979
1980	28.8 AT 19:46 EST ON MAR 21	22.1 ON MAR 21	0.874 ON MAR 2	58 700	1980
1981	11.8 AT 18:46 EST ON FEB 19	9.87 ON FEB 20	0.583 ON JUL 28	49 100	1981
1982	32.5 AT 00:16 EST ON APR 1	25.4 ON APR 1	0.915 ON SEP 10	87 800	1982
1983	10.8 AT 09:15 EST ON MAY 3	10.0 ON MAY 3	0.602 ON SEP 15	54 400	1983
1984	13.8 AT 00:32 EST ON APR 8	10.8 ON APR 8	0.890 ON AUG 18	62 100	1984
				55 900	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CREDIT RIVER NEAR ORANGEVILLE - STATION NO. 02HB013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	0.580	0.584	0.782	---	1967
1968	0.488	0.833	1.67	0.784	0.695	0.628	0.620	0.868	0.597	0.831	0.818	0.742	0.713	1968
1969	0.846	0.578	1.08	1.73	0.956	0.684	0.721	0.557	0.268	0.431	0.537	0.238	0.702	1969
1970	0.226	0.244	0.240	0.998	0.598	0.358	0.451	0.480	0.424	0.485	0.486	0.473	0.453	1970
1971	0.451	0.448	0.490	1.14	0.328	0.352	0.542	0.382	0.188	0.185	0.407	0.628	0.480	1971
1972	0.310	0.208	0.258	1.45	0.472	0.438	0.253	0.288	0.373	0.441	0.441	0.848	0.453	1972
1973	0.708	0.598	1.31	1.12	0.757	0.438	0.302	0.528	0.358	0.434	0.826	0.545	0.843	1973
1974	0.623	0.585	1.08	1.30	0.888	0.414	0.282	0.288	0.348	0.403	0.495	0.430	0.590	1974
1975	0.428	0.490	0.834	1.18	0.618	0.334	0.335	0.388	0.444	0.388	0.385	0.442	0.502	1975
1976	0.333	0.578	1.48	0.938	0.748	0.418	0.498	0.425	0.488	0.508	0.470	0.380	0.605	1976
1977	0.311	0.348	1.14	0.882	0.298	0.238	0.257	0.410	0.538	0.782	0.845	0.786	0.539	1977
1978	0.822	0.705	0.872	1.86	0.873	0.437	0.321	0.508	0.882	0.557	0.808	0.594	0.718	1978
1979	0.744	0.557	1.30	1.41	0.848	0.585	0.485	0.459	0.453	0.830	0.878	0.841	0.781	1979
1980	0.708	0.475	0.775	1.02	0.547	0.522	0.867	0.441	0.473	0.522	0.500	0.581	0.598	1980
1981	0.483	1.01	0.570	0.470	0.343	0.284	0.330	0.382	0.509	0.487	0.773	0.693	0.523	1981
1982	0.419	0.343	0.728	1.73	0.518	0.681	0.398	0.505	0.594	0.480	0.908	1.37	0.723	1982
1983	0.881	0.850	0.838	0.837	1.04	0.416	0.336	0.383	0.338	0.398	0.501	0.498	0.590	1983
1984	0.339	0.878	0.854	1.18	0.584	0.348	0.407	0.438	0.342	0.284	0.515	0.543	0.554	1984
MEAN	0.511	0.572	0.901	1.15	0.658	0.434	0.410	0.440	0.435	0.475	0.575	0.605	0.595	MEAN

LOCATION - LAT 43 53 29 N DRAINAGE AREA, 62.2 km²
LONG 80 03 47 W REGULATED

CREDIT RIVER NEAR ORANGEVILLE - STATION NO. 02HB013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	6.88 AT 19:30 EST ON MAR 18	4.47 ON MAR 18	0.150 ON NOV 3	22 500	1968
1969	6.71 AT 07:34 EST ON JUL 22	4.67 ON APR 18	0.184 ON SEP 27	22 100	1969
1970	3.96 AT 19:08 EST ON APR 9	3.06 ON APR 9	0.085 ON AUG 28	14 300	1970
1971	3.37 AT 23:18 EST ON APR 9	2.78 ON APR 13	0.116 ON OCT 8	14 500	1971
1972	17.6 AT 20:46 EST ON APR 14 *	5.18 ON APR 14	0.116 ON AUG 18	14 300	1972
1973	5.82 AT 13:51 EST ON APR 2	4.50 ON APR 2	0.183 ON JUL 9	20 300	1973
1974	6.60 AT 06:58 EST ON APR 4	5.44 ON APR 4	0.150 ON JUN 8	18 800	1974
1975	8.89 AT 03:28 EST ON APR 19	7.38 ON APR 19 *	0.048 ON JUL 8 *	15 800	1975
1976	7.67 AT 03:44 EST ON MAR 21	5.89 ON MAR 21	0.198 ON JUN 18	19 100	1976
1977	7.19 AT 09:13 EST ON MAR 13	5.61 ON MAR 13	0.178 ON JUL 5	17 000	1977
1978	4.64 AT 19:35 EST ON APR 11	3.48 ON APR 11	0.195 ON MAY 3	22 800	1978
1979	5.59 AT 16:00 EST ON APR 14	5.13 ON APR 14	0.3068 ON DEC 18	23 700	1979
1980	8.25 AT 16:19 EST ON MAR 21	5.60 ON MAR 21	0.2008 ON MAR 3	18 900	1980
1981	4.27 AT 01:04 EST ON FEB 19	3.54 ON FEB 19	0.170 ON JUL 14	18 500	1981
1982	8.33 AT 19:14 EST ON MAR 31	5.70 ON MAR 31	0.2878 ON MAR 9	22 800	1982
1983	4.33 AT 01:52 EST ON MAY 3	3.32 ON MAY 3	0.228 ON JUN 28	18 800	1983
1984	4.07 AT 12:30 EST ON FEB 14	3.29 ON FEB 14	0.182 ON OCT 15	17 500	1984
				18 800	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

CREDIT RIVER WEST BRANCH AT NORVAL - STATION NO. 02HB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	0.388	0.628	0.380	---	1980
1981	0.271	1.80	3.04	2.94	1.39	0.782	0.484	0.800	0.483	0.499	0.556	0.742	1.14	1981
1982	1.17	0.624	2.52	1.58	0.624	0.387	0.358	0.297	0.307	---	---	---	---	1982
1983	0.614	0.515	3.16	0.987	1.12	0.547	0.374	0.377	0.373	0.285	0.388	0.382	0.784	1983
1984	0.483	0.344	1.59	1.81	1.16	0.488	0.512	0.443	0.279	0.292	0.328	0.581	0.881	1984
1985	0.914	2.75	1.48	5.08	1.19	0.445	0.457	0.388	0.331	0.710	1.08	1.38	1.33	1985
1986	1.08	1.29	2.48	1.59	1.14	0.880	0.312	0.303	0.240	0.273	0.602	1.35	0.939	1986
1987	1.03	0.708	1.84	3.57	1.19	1.48	1.33	0.898	0.524	1.08	1.09	1.55	1.34	1987
1988	0.787	2.05	4.12	1.78	1.24	0.835	0.554	1.17	0.915	0.825	1.81	1.48	1.44	1988
1989	1.24	1.37	2.94	3.75	1.77	0.708	0.783	0.851	0.329	0.454	0.823	0.548	1.28	1989
1990	0.470	0.610	1.30	3.28	1.25	0.625	0.858	0.469	0.587	0.713	1.15	1.47	1.05	1990
1991	0.878	1.07	1.93	4.27	1.04	1.11	0.858	0.854	0.588	0.483	0.549	1.41	1.28	1991
1992	0.984	0.879	1.32	5.16	1.63	1.18	0.862	0.488	0.431	0.827	1.20	1.41	1.42	1992
1993	1.78	1.87	5.41	2.62	1.93	1.05	0.518	0.504	0.488	0.815	1.18	0.978	1.55	1993
1994	1.78	1.31	2.81	2.98	3.44	1.37	0.625	0.442	0.411	0.442	0.795	0.803	1.42	1994
1995	0.978	1.91	3.13	3.84	1.78	0.893	0.529	0.858	0.889	0.617	0.887	1.09	1.39	1995
1996	0.781	2.80	5.22	3.17	2.35	0.858	1.05	0.898	1.15	0.948	0.789	0.552	1.70	1996
1997	0.417	0.580	3.98	2.25	0.713	0.559	0.500	0.704	1.44	1.93	1.87	2.08	1.42	1997
1998	1.20	1.02	2.08	4.98	2.31	0.813	0.442	0.443	0.898	0.679	0.780	0.815	1.37	1998
1999	0.823	0.593	5.89	5.22	3.05	1.14	0.809	0.625	0.593	0.810	1.21	1.89	1.85	1999
2000	1.23	0.540	2.29	3.40	1.52	1.01	0.872	0.505	0.502	0.878	0.577	0.988	1.17	2000
2001	0.438	2.91	1.23	1.17	0.825	0.537	0.882	0.801	1.10	1.56	1.48	0.881	1.10	2001
2002	0.849	0.827	3.58	5.29	1.09	2.05	0.840	0.882	0.773	0.739	1.85	2.82	1.75	2002
2003	1.84	1.95	2.12	3.03	2.84	1.19	0.888	0.886	0.800	0.772	1.19	1.30	1.48	2003
2004	0.885	3.33	2.81	3.83	1.80	1.24	0.853	0.598	0.785	0.817	1.16	1.39	1.88	2004
MEAN	0.932	1.37	2.84	3.28	1.80	0.917	0.648	0.583	0.811	0.710	0.978	1.17	1.32	MEAN

LOCATION - LAT 43 38 47 N DRAINAGE AREA, 127 km²
LONG 79 51 57 W REGULATED

CREDIT RIVER WEST BRANCH AT NORVAL - STATION NO. 02HB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	10.4 B ON FEB 25	0.1908 ON JAN 31	36 000	1962
1963	18.7 E AT 11:00 EST ON MAR 28	---	---	---	1963
1964	6.08 AT 17:00 EST ON APR 29	16.7 E ON MAR 28	0.178 ON OCT 27	24 100	1964
		5.27 ON APR 30	0.198 ON JUL 31	21 900	
1965	24.2 AT 16:15 EST ON FEB 10	12.5 ON FEB 11	0.258 ON JUL 31	41 800	1965
1966	6.51 AT 02:45 EST ON DEC 8	5.52 ON DEC 8	0.159 ON SEP 17 *	29 600	1966
1967	17.8 AT 13:30 EST ON APR 3	14.8 ON APR 3	0.337 ON SEP 17	42 300	1967
1968	12.2 AT 15:30 EST ON FEB 2	9.28 ON FEB 2	0.337 ON JUL 30	45 800	1968
1969	32.6 AT 13:17 EST ON JUL 28 *	8.41 ON MAR 25	0.280 ON SEP 14	40 300	1969
1970	9.12 AT 17:13 EST ON SEP 26	8.10 ON APR 9	0.328 ON AUG 29	33 100	1970
1971	9.32 AT 17:02 EST ON JUN 13	8.18 ON APR 10	0.360 ON AUG 8	38 400	1971
1972	18.5 AT 08:55 EST ON APR 14	16.0 ON APR 14	0.340 ON AUG 31	45 000	1972
1973	13.6 AT 13:02 EST ON MAR 12	12.3 ON MAR 12	0.334 ON SEP 11	48 900	1973
1974	23.2 AT 07:57 EST ON MAY 17	18.7 ON MAY 17	0.348 ON SEP 22	44 800	1974
1975	19.1 AT 14:29 EST ON APR 19	15.2 ON APR 19	0.371 ON AUG 2	43 800	1975
1976	18.8 AT 14:30 EST ON MAR 21	16.4 ON MAR 21	0.419 ON SEP 6	53 700	1976
1977	16.0 AT 14:48 EST ON MAR 13	14.4 ON MAR 13	0.294 ON JUL 28	44 900	1977
1978	11.7 AT 20:38 EST ON APR 2	9.37 ON APR 2	0.343 ON JUL 19	43 200	1978
1979	23.3 AT 09:45 EST ON APR 14	19.2 ON APR 14	0.396 ON SEP 9	58 400	1979
1980	19.3 AT 13:39 EST ON MAR 21	14.3 ON MAR 21	0.348 ON AUG 27	37 100	1980
1981	10.8 AT 14:01 EST ON FEB 18	10.1 ON FEB 19	0.301 ON JUL 24	34 700	1981
1982	27.9 AT 08:14 EST ON JUN 28	21.4 ON APR 1 *	0.394 ON SEP 10	55 200	1982
1983	15.7 AT 18:52 EST ON JUL 30	8.80 ON MAY 3	0.342 ON JUL 28	46 800	1983
1984	13.5 AT 10:22 EST ON APR 5	10.6 ON APR 6	0.415 ON AUG 26	49 400	1984
				41 700	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

CROWE RIVER AT MARMORA - STATION NO. 02HK003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	---	---	2.97	11.4	24.9	---	1959
1960	14.7	20.1	17.9	138	82.0	28.2	4.10	3.20	3.64	2.42	0.752	2.07	27.0	1960
1961	2.93	4.57	5.19	34.0	45.2	27.0	10.7	3.95	2.77	1.34	1.27	7.65	12.2	1961
1962	7.75	6.63	13.0	58.4	35.8	11.4	3.43	2.16	1.81	4.38	23.0	24.2	16.0	1962
1963	15.4	11.3	14.1	53.0	42.7	14.8	1.90	1.52	2.01	1.52	4.65	11.8	15.4	1963
1964	8.73	13.8	22.6	47.8	46.7	12.9	5.11	1.88	1.06	1.04	1.10	2.15	13.8	1964
1965	8.47	11.6	19.3	72.0	56.1	7.38	3.87	2.82	2.08	10.2	35.3	49.9	23.3	1965
1966	32.8	14.5	42.0	47.4	33.4	23.5	3.56	2.46	1.14	0.943	7.11	68.3	23.2	1966
1967	23.2	20.7	14.2	74.3	39.4	20.5	35.3	8.14	4.87	33.4	65.0	38.5	31.4	1967
1968	26.0	24.7	30.2	88.3	19.4	13.6	6.26	2.77	2.32	2.28	5.46	17.4	18.3	1968
1969	13.7	18.6	21.0	85.4	78.6	31.4	14.7	6.52	2.24	1.87	11.1	18.0	25.2	1969
1970	10.0	8.75	12.8	68.4	58.5	14.4	11.7	8.33	3.29	8.36	10.4	21.7	18.8	1970
1971	13.9	13.1	19.5	90.1	66.9	8.51	5.50	2.37	2.65	7.72	6.24	23.8	21.7	1971
1972	19.3	15.9	13.3	74.7	97.2	29.6	30.9	19.7	7.98	10.3	37.7	32.5	32.2	1972
1973	36.0	32.0	81.5	89.5	32.1	14.9	6.03	2.84	2.58	4.56	18.1	23.7	28.4	1973
1974	24.1	26.3	44.4	90.3	80.2	25.6	5.98	2.50	5.27	4.33	18.1	28.4	28.4	1974
1975	18.2	14.6	34.7	68.5	57.2	13.3	3.40	1.98	2.08	2.19	3.12	12.8	18.4	1975
1976	12.4	14.3	48.6	132	30.8	9.08	8.88	3.84	2.71	5.87	8.89	9.78	23.8	1976
1977	8.08	8.08	35.3	48.4	14.5	2.18	1.88	1.21	1.04	9.80	20.2	38.7	15.5	1977
1978	32.0	27.0	19.5	85.1	70.7	11.7	2.32	2.55	7.67	12.5	18.4	23.6	26.1	1978
1979	24.5	20.8	54.8	118	44.8	18.8	3.56	3.18	2.76	10.9	24.4	38.3	30.5	1978
1980	33.3	13.7	37.3	85.3	33.7	10.1	7.07	7.32	3.01	10.1	16.2	21.0	23.2	1980
1981	13.7	48.4	72.5	45.8	24.7	21.1	7.52	3.31	15.7	16.5	29.6	19.7	26.4	1981
1982	14.8	11.0	15.0	82.2	46.4	20.6	8.23	2.38	3.48	10.1	25.6	57.0	25.2	1982
1983	46.5	25.1	31.4	51.0	77.8	26.1	3.28	2.21	2.26	2.85	7.51	14.4	24.1	1983
1984	12.8	28.3	42.4	103	54.3	12.4	4.19	5.89	7.32	2.26	8.40	18.8	24.9	1984
MEAN	18.9	16.1	30.5	75.8	51.1	17.2	7.97	4.07	3.74	6.87	16.1	24.8	23.0	MEAN

LOCATION - LAT 44 28 54 N
LONG 77 41 05 W
DRAINAGE AREA, 1 880 km^2
REGULATED

CROWE RIVER AT MARMORA - STATION NO. 02HK003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	---	209 ON APR 21	0.303 ON OCT 10 *	655 000	1960
1961	---	62.0 ON APR 28	0.983 ON OCT 14	366 000	1961
1962	---	71.8 ON APR 12	1.30 ON JUL 22	506 000	1962
1963	---	93.4 ON APR 6	0.983 ON OCT 21	464 000	1963
1964	---	73.8 ON APR 25	0.810 ON OCT 4	436 000	1964
1965	---	122 ON APR 20	1.33 ON OCT 4	734 000	1965
1966	110 AT 20:30 EST ON DEC 14	109 ON DEC 14	0.821 ON OCT 17	733 000	1966
1967	87.2 AT 18:30 EST ON APR 22	86.2 ON APR 22	2.55 ON AUG 16	592 000	1967
1968	106 AT 03:10 EST ON APR 5	105 ON APR 5	1.58 ON OCT 28	579 000	1968
1969	116 AT 20:20 EST ON MAY 23	114 ON APR 21	1.74 ON OCT 5	756 000	1969
1970	104 AT 20:05 EST ON APR 27	103 ON APR 27	3.06 ON SEP 15	592 000	1970
1971	155 AT 10:01 EST ON APR 25	154 ON APR 25	1.76 ON NOV 9	885 000	1971
1972	136 AT 14:35 EST ON APR 26	136 ON APR 26	3.17 ON OCT 5	1 020 000	1972
1973	142 AT 00:30 EST ON APR 8	142 ON APR 8	1.83 ON OCT 6	857 000	1973
1974	119 AT 18:21 EST ON APR 20	118 ON APR 19	2.30 ON SEP 14	828 000	1974
1975	124 AT 00:41 EST ON APR 27	124 ON APR 26	1.06 ON SEP 14	611 000	1975
1976	229 AT 18:02 EST ON APR 4 *	227 ON APR 5 *	2.12 ON SEP 25	752 000	1976
1977	75.0 AT 23:06 EST ON MAR 19	73.9 ON MAR 20	0.779 ON JUL 30	469 000	1977
1978	134 AT 09:07 EST ON APR 29	134 ON APR 29	1.27 ON AUG 21	824 000	1978
1979	180 AT 11:15 EST ON APR 6	176 ON APR 6	1.79 ON AUG 8	882 000	1979
1980	122 AT 21:26 EST ON APR 18	121 ON APR 18	1.58 ON SEP 18	733 000	1980
1981	190 AT 03:05 EST ON FEB 27	189 ON FEB 27	2.25 ON AUG 5	831 000	1981
1982	156 AT 18:23 EST ON APR 24	155 ON APR 24	1.83 ON SEP 11	786 000	1982
1983	101 AT 06:35 EST ON MAY 10	100 ON MAY 10	1.46 ON OCT 16	760 000	1983
1984	130 AT 11:59 EST ON APR 10	128 ON APR 10	1.71 ON OCT 24	789 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		727 000	MEAN

CROWE RIVER NEAR GLEN ALDA - STATION NO. 02HK005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	17.7	6.84	4.02	2.32	1.05	1.18	0.858	1.62	3.18	---	1968
1969	2.76	3.79	3.95	23.4	18.5	10.1	5.35	3.50	1.30	1.42	3.34	3.30	6.61	1969
1970	3.45	2.78	2.95	14.4	16.4	5.04	5.57	3.34	1.98	1.78	2.11	3.54	5.30	1970
1971	3.93	3.98	3.88	24.4	18.3	4.48	3.07	1.58	1.35	1.43	1.43	3.38	6.00	1971
1972	3.38	3.31	3.34	15.6	27.0	14.8	11.8	4.29	2.59	2.96	6.30	6.52	8.58	1972
1973	8.88	7.39	18.2	25.6	11.0	5.88	2.78	2.51	1.38	1.78	2.90	3.91	7.85	1973
1974	4.81	7.31	10.0	24.6	21.7	8.98	2.61	2.04	1.51	2.21	4.39	5.13	7.78	1974
1975	3.50	3.48	5.14	18.3	17.1	5.05	1.92	0.870	1.23	0.858	1.41	2.37	5.07	1975
1976	2.40	2.52	10.0	37.4	10.5	4.32	4.25	2.03	1.78	2.33	2.16	2.20	6.80	1976
1977	1.98	1.88	7.08	14.9	5.23	2.03	0.867	0.517	0.759	2.96	3.86	7.36	4.13	1977
1978	6.88	5.53	4.27	16.0	22.4	5.28	2.09	1.44	2.16	3.38	3.85	5.85	6.74	1978
1979	5.57	4.85	11.8	32.8	14.3	7.50	2.88	1.72	0.973	3.43	5.89	11.7	8.57	1979
1980	8.78	4.45	8.82	24.4	9.88	4.05	3.88	3.04	1.82	2.92	4.22	4.42	8.49	1980
1981	3.80	9.80	19.5	16.9	8.47	4.88	2.15	1.14	2.96	3.02	4.21	4.07	6.72	1981
1982	3.32	2.67	3.46	22.5	13.7	6.52	3.14	1.45	1.47	2.82	5.84	16.3	6.93	1982
1983	12.3	6.17	7.19	14.3	22.8	7.81	2.14	0.842	0.271	1.84	2.20	2.67	5.70	1983
1984	2.70	4.27	8.93	28.3	14.3	5.01	1.54	0.785	0.851	0.631	2.67	3.91	6.19	1984
MEAN	4.69	4.62	7.93	22.0	15.3	6.06	3.42	1.90	1.48	2.13	3.44	5.27	6.65	MEAN

LOCATION - LAT 44 50 40 N DRAINAGE AREA, 458 km^2
LONG 77 55 52 W REGULATED

CROWE RIVER NEAR GLEN ALDA - STATION NO. 02HK005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	37.4 AT 09:15 EST ON APR 19	37.1 ON APR 19	0.800 ON OCT 11	215 000	1969
1970	36.0 AT 20:59 EST ON APR 27	36.0 ON APR 27	1.15 ON SEP 25	187 000	1970
1971	46.7 AT 22:20 EST ON APR 19	45.3 ON APR 19	0.527 ON SEP 13	189 000	1971
1972	43.3 AT 04:30 EST ON MAY 6	43.0 ON MAY 4	1.84 A ON SEP 29	271 000	1972
1973	43.3 AT 03:56 EST ON APR 5	43.0 ON APR 5	0.934 ON OCT 2	242 000	1973
1974	38.8 AT 21:50 EST ON APR 18	38.4 ON APR 18	1.18 ON SEP 24	248 000	1974
1975	41.6 AT 22:21 EST ON APR 27	41.3 ON APR 27	0.308 ON OCT 10	180 000	1975
1976	88.8 AT 07:32 EST ON APR 5 *	87.4 ON APR 5 *	1.24 ON SEP 17	218 000	1976
1977	19.9 AT 05:00 EST ON APR 8	18.7 ON APR 8	0.088 ON SEP 18 *	130 000	1977
1978	45.3 AT 05:48 EST ON APR 28	45.0 ON APR 28	1.00 ON AUG 15	212 000	1978
1979	48.7 AT 00:26 EST ON APR 7	47.8 ON APR 6	0.338 ON OCT 4	270 000	1979
1980	41.3 AT 03:00 EST ON APR 18	41.1 ON APR 18	1.17 ON SEP 9	208 000	1980
1981	44.4 AT 18:48 EST ON MAR 1	44.1 ON MAR 1	0.785 ON AUG 28	212 000	1981
1982	43.3 AT 23:22 EST ON APR 25	43.0 ON APR 25	1.08 ON AUG 18	219 000	1982
1983	36.5 AT 18:58 EST ON MAY 10	36.0 ON MAY 11	0.232 ON OCT 4	211 000	1983
1984	42.1 AT 18:32 EST ON APR 17	41.7 ON APR 17	0.378 ON OCT 4	188 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		210 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

CURRENT RIVER NEAR STEPSTONE - STATION NO. 02AB015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	1.50	0.909	0.876	5.51	26.7	8.08	4.18	2.22	0.969	1.09	2.18	2.25	4.82	1972
1973	1.51	1.37	1.55	17.3	14.1	5.04	2.18	1.72	4.47	5.87	5.77	5.33	5.87	1973
1974	1.83	1.07	1.23	10.3	24.4	11.5	5.27	3.08	4.83	5.34	5.44	3.28	6.58	1974
1975	2.87	2.08	1.31	8.80	18.2	4.03	2.42	0.878	0.558	0.520	0.815	1.62	3.66	1975
1976	1.51	1.11	1.07	35.0	11.2	4.40	3.11	1.01	0.490	0.387	0.344	0.421	4.97	1976
1977	0.329	0.287	0.926	8.26	8.89	3.81	2.17	1.65	23.5	13.2	6.62	4.19	6.00	1977
1978	1.92	0.998	0.817	4.32	20.3	6.31	2.10	0.988	0.897	0.991	0.816	0.622	3.45	1978
1979	0.606	0.534	0.811	11.7	28.2	5.45	1.45	0.732	1.98	1.10	4.07	2.22	4.94	1979
1980	1.30	1.12	0.888	13.8	10.5	2.10	0.807	0.842	8.03	8.84	5.50	2.15	4.65	1980
1981	1.18	0.835	1.11	21.1	9.78	10.7	2.83	0.545	0.325	1.07	1.43	1.17	4.33	1981
1982	0.804	0.648	0.502	11.7	22.4	3.08	5.52	5.21	1.50	11.1	13.4	4.80	6.77	1982
1983	1.85	1.44	2.01	9.85	19.2	7.85	4.50	0.778	0.583	4.78	8.59	4.42	5.33	1983
1984	1.63	1.15	0.807	14.6	14.9	10.8	4.77	1.88	0.890	3.22	4.81	7.70	5.58	1984
MEAN	1.42	1.05	1.08	13.3	17.6	6.24	3.18	1.85	3.77	4.55	4.53	3.09	5.13	MEAN

LOCATION - LAT 48 32 10 N DRAINAGE AREA, 492 km²
LONG 89 14 10 W REGULATED SINCE 1972

CURRENT RIVER NEAR STEPSTONE - STATION NO. 02AB015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1972	---	75.8 ON MAY 2	0.8888 ON MAR 18	153 000	1972
1973	---	49.3 ON APR 23	1.09 ON MAR 8	179 000	1973
1974	---	44.5 ON APR 29	0.8788 ON FEB 2	207 000	1974
1975	---	39.4 ON MAY 2	0.419 ON OCT 5	118 000	1975
1976	---	115 ON APR 19 *	0.317 ON NOV 11	157 000	1976
1977	---	47.0 ON SEP 25	0.262 ON JAN 24	188 000	1977
1978	---	33.4 ON MAY 8	0.5558 ON DEC 31	109 000	1978
1979	59.8 AT 03:36 EST ON MAY 12 *	59.3 ON MAY 12	0.4378 ON FEB 17	156 000	1979
1980	43.0 AT 23:57 EST ON APR 28	42.6 ON APR 28	0.489 ON AUG 10	147 000	1980
1981	40.6 AT 13:36 EST ON APR 18	40.2 ON APR 18	0.238 ON SEP 24 *	137 000	1981
1982	58.8 AT 16:01 EST ON APR 28	56.4 ON APR 28	0.4808 ON MAR 19	214 000	1982
1983	48.7 AT 19:03 EST ON APR 29	49.0 ON APR 29	0.380 ON SEP 8	168 000	1983
1984	38.0 AT 03:57 EST ON MAY 10	36.4 ON MAY 10	0.7158 ON MAR 27	177 000	1984
				182 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

DEDRICK CREEK NEAR PORT ROWAN - STATION NO. 02GC013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	---	---	---	---	1983
1984	0.889	0.631	1.71	1.53	0.827	0.278	0.196	1.35	0.321	0.188	0.234	0.238	---	1984
										0.243	0.274	0.922	0.740	
1985	1.30	2.90	2.99	1.97	0.558	0.284	0.161	0.183	0.224	0.636	0.704	1.02	1.03	1985
1986	0.800	1.32	1.84	1.02	0.729	0.345	0.107	0.138	0.188	0.197	0.541	1.88	0.724	1986
1987	1.20	0.784	1.31	1.70	1.15	0.477	0.488	0.398	0.225	0.623	1.04	1.03	0.866	1987
1988	0.743	1.81	1.58	1.02	0.704	0.913	0.388	0.402	0.315	0.328	1.24	1.45	0.885	1988
1989	2.78	1.26	1.02	2.88	1.88	0.783	0.727	0.285	0.178	0.211	0.881	1.08	1.14	1989
1970	0.514	1.04	1.82	1.53	0.704	0.278	0.172	0.101	0.170	0.281	1.52	1.26	0.782	1970
1971	0.487	0.877	2.07	1.29	0.809	0.341	0.105	0.092	0.132	0.140	0.170	0.412	0.566	1971
1972	0.738	0.291	2.41	1.86	0.814	0.381	0.302	0.185	0.172	0.308	0.884	1.86	0.850	1972
1973	0.877	0.727	3.26	1.38	0.980	0.788	0.228	0.158	0.145	0.313	1.07	1.37	0.943	1973
1974	1.87	1.25	2.32	2.00	2.19	0.888	0.310	0.204	0.187	0.238	0.822	1.13	1.07	1974
1975	1.37	1.80	2.08	1.10	0.552	0.551	0.187	0.209	0.781	0.484	0.872	1.67	0.949	1975
1976	1.23	3.28	3.58	1.46	1.15	0.348	0.281	0.377	0.228	0.300	0.407	0.387	1.11	1976
1977	0.280	0.382	2.82	2.55	0.808	0.283	0.337	0.261	2.23	1.17	1.14	3.06	1.26	1977
1978	1.38	0.572	3.45	2.21	1.27	0.481	0.182	0.277	0.301	0.958	0.783	0.857	1.06	1978
1979	1.08	1.08	2.81	2.94	0.842	0.382	0.270	0.244	0.288	0.505	1.16	1.89	1.13	1979
1980	1.04	0.481	1.78	2.43	1.17	0.804	1.81	0.632	0.851	0.847	0.782	0.934	1.13	1980
1981	0.341	2.20	1.08	1.37	0.870	0.749	0.576	0.332	0.891	1.11	0.809	0.888	0.904	1981
1982	0.848	0.417	3.70	2.16	0.900	1.16	0.277	0.148	0.243	0.378	1.88	2.37	1.19	1982
1983	0.867	1.44	1.15	1.71	1.78	0.789	1.18	0.841	0.424	0.818	0.804	1.90	1.14	1983
1984	0.503	2.87	2.00	2.07	---	---	---	---	---	---	---	---	---	1984
MEAN	0.976	1.27	2.23	1.82	1.02	0.552	0.412	0.339	0.424	0.473	0.844	1.29	0.972	MEAN

LOCATION - LAT 42 37 41 N DRAINAGE AREA, 76.9 km²
LONG 80 38 20 W REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS. STATION DISCONTINUED MAY 3, 1984

DEDRICK CREEK NEAR PORT ROWAN - STATION NO. 02GC013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	7.48 AT 14:30 EST ON MAR 28	7.22 ON AUG 23	0.088 ON JUL 31	23 400	1964
1965	---	17.1 ON MAR 8	0.108 ON AUG 1	32 600	1965
1966	9.74B AT 11:00 EST ON FEB 11	7.76 ON DEC 8	0.074 ON JUL 28	22 800	1966
1967	5.89 AT 13:15 EST ON APR 6	4.47 ON APR 8	0.153 ON SEP 20	27 300	1967
1968	11.4 AT 11:00 EST ON FEB 2	9.86 ON FEB 2	0.142 ON AUG 3	28 000	1968
1969	24.4 AT 21:30 EST ON JAN 30	15.8 ON JAN 31	0.144 ON SEP 4	35 900	1969
1970	6.46 AT 08:37 EST ON NOV 4	5.24 ON NOV 4	0.045B ON JAN 21	24 000	1970
1971	6.06 AT 04:00 EST ON MAR 16	5.89 ON MAR 16	0.045 ON AUG 8	17 800	1971
1972	17.4 AT 09:15 EST ON MAR 14	6.54 ON MAR 14	0.082 ON AUG 23	26 900	1972
1973	8.95 AT 01:27 EST ON MAR 18	8.10 ON MAR 15	0.091 ON JUL 19	29 700	1973
1974	11.2 AT 02:20 EST ON MAY 13	9.15 ON MAY 13	0.091 ON SEP 12	33 700	1974
1975	9.03 AT 17:23 EST ON FEB 24	7.11 ON FEB 24	0.088 ON AUG 1	29 900	1975
1976	20.8 AT 08:00 EST ON MAR 5	18.1 ON MAR 5	0.144 ON SEP 8	34 900	1976
1977	40.5 AT 13:58 EST ON SEP 26 *	21.7 ON SEP 26 *	0.096 ON JUL 27	39 800	1977
1978	23.3 AT 19:25 EST ON MAR 21	18.5 ON MAR 22	0.068 ON JUL 20	33 500	1978
1979	15.7 AT 21:10 EST ON DEC 25	11.2 ON MAR 5	0.124 ON JUL 24	35 600	1979
1980	34.1 AT 14:54 EST ON JUL 22	14.0 ON JUL 22	0.290 ON AUG 29	35 800	1980
1981	6.38 AT 01:00 EST ON FEB 24	6.03 ON FEB 20	0.089 ON JUL 25	28 500	1981
1982	17.5 AT 20:58 EST ON MAR 13	12.1 ON MAR 14	0 ON JUL 23 *	37 700	1982
1983	7.49 AT 14:29 EST ON FEB 3	6.16 ON FEB 3	0.088 ON JUL 14	35 900	1983
1984	19.9 AT 12:56 EST ON FEB 14	17.5 ON FEB 14	---	---	1984
				30 700	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

DEE RIVER AT DEE BANK - STATION NO. 02EB105

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	5.60	---	0.638	0.127	0.030	0.483	4.60	1.99	---	1969
1970	---	---	1.06	9.05	3.33	0.479	1.37	1.32	0.482	2.39	1.67	1.11	---	1970
1971	1.23	1.05	2.47	11.7	---	---	---	0.040	0.187	0.598	1.52	4.10	---	1971
1972	---	---	---	8.26	4.20	0.573	0.769	1.58	0.457	1.42	---	---	---	1972
MEAN	1.23	1.05	1.77	10.0	4.38	0.526	0.926	0.787	0.292	1.22	2.56	2.40	---	MEAN

LOCATION - LAT 45 10 44 N LONG 79 31 25 W DRAINAGE AREA, 155 km^2 NATURAL FLOW DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

DEE RIVER AT DEE BANK - STATION NO. 02EB105

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	19.3E ON APR 23	0.249 ON AUG 30 *	---	1970
1971	---	---	---	---	1971
1972	---	20.4E ON APR 21 *	---	---	1972
				---	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

DEMORESTVILLE CREEK AT DEMORESTVILLE - STATION NO. 02HE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.087	0.173	1.53	1.23	0.424	0.055	0.052	0	0	0.002	0.458	0.859	0.391	1970
1971	0.289	0.256	1.47	2.88	0.214	0.003	0	0	0	0	0	0.043	0.434	1971
1972	0.084	0.131	0.452	2.52	0.358	0.032	0.010	0.005	0.001	0.084	0.884	0.850	0.428	1972
1973	0.731	0.749	1.59	0.885	0.193	0.084	0.008	0.001	0.001	0.004	0.035	0.182	0.361	1973
1974	0.887	0.581	0.898	1.53	0.577	0.141	0.045	0.001	0	0.001	0.063	0.228	0.373	1974
1975	0.814	0.463	1.67	0.882	0.157	0.007	0	0.001	0.004	0.011	0.088	0.346	0.367	1975
1976	0.184	1.54	2.33	0.705	0.519	0.149	0.031	0.007	0.003	0.020	0.038	0.089	0.485	1976
1977	0.028	0.037	2.54	0.835	0.145	0.008	---	---	---	---	---	---	---	1977
MEAN	0.358	0.489	1.55	1.40	0.323	0.057	0.021	0.002	0.001	0.013	0.188	0.338	0.404	MEAN

LOCATION - LAT 44 05 28 N LONG 77 12 38 W DRAINAGE AREA, 29.3 km^2 NATURAL FLOW

DEMORESTVILLE CREEK AT DEMORESTVILLE - STATION NO. 02HE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	7.87 AT 18:00 EST ON MAR 27	6.46 ON MAR 27	0 ON JUN 16 *	12 300	1970
1971	8.87 AT 10:20 EST ON APR 8	5.82 ON APR 10	0 ON MAY 23	13 700	1971
1972	8.16 AT 17:49 EST ON APR 3	7.02 ON APR 3	0 ON JUL 30	13 500	1972
1973	4.98 AT 12:54 EST ON MAR 17	3.82 ON MAR 17	0 ON JUL 22	11 100	1973
1974	7.16 AT 21:29 EST ON APR 4	6.60 ON APR 4	0 ON AUG 11	11 800	1974
1975	5.86 AT 08:46 EST ON MAR 21	5.04 ON MAR 20	0 ON JUL 2	12 200	1975
1976	8.51 AT 10:47 EST ON MAR 24	4.90 ON MAR 23	0 ON AUG 25	14 700	1976
1977	9.03 AT 09:39 EST ON MAR 11 *	8.04 ON MAR 13 *	0.001 ON MAY 27	---	1977
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		12 800	MEAN

DEPOT CREEK AT BELLROCK - STATION NO. 02HM002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	1.47	1.44	4.14	5.12	2.11	0.982	0.605	0.203	0.012	0.006	0.048	2.72	1.57	1957
1958	2.45	0.805	2.27	5.48	3.32	1.06	1.81	0.795	0.889	1.57	0.210	0.423	1.75	1958
1959	0.400	0.480	3.04	11.4	0.730	0.011	0.570	0.464	0.551	0.895	3.05	3.90	2.12	1959
1960	1.98	2.27	1.78	12.6	1.92	0.543	0.809	0.890	0.575	0.380	0.283	0.214	2.00	1960
1961	0.192	0.187	0.899	4.81	3.77	1.25	0.550	1.26	0.852	0.909	0.595	0.678	1.33	1961
1962	0.804	0.494	2.35	7.34	0.985	0.495	0.824	0.602	0.417	0.343	0.567	2.40	1.45	1962
1963	1.15	0.780	2.04	4.42	2.74	1.18	0.808	0.670	0.487	0.646	0.548	1.39	1.41	1963
1964	1.88	2.72	2.13	4.92	1.69	0.812	0.544	0.618	0.542	0.431	0.282	0.304	1.39	1964
1965	0.344	3.01	2.59	7.33	1.30	0.367	0.582	0.570	0.443	0.945	4.67	4.71	2.22	1965
1966	2.88	1.83	4.27	2.25	0.842	0.580	0.632	0.529	0.423	0.338	1.56	6.43	1.89	1966
1967	2.57	2.37	1.52	4.49	1.43	0.654	0.862	0.645	0.556	1.07	3.84	2.96	1.89	1967
1968	2.09	1.85	2.42	3.14	0.881	1.31	1.04	1.23	1.47	1.01	1.30	3.39	1.75	1968
1969	1.78	2.27	2.95	8.92	6.04	0.987	0.710	0.694	0.548	0.884	1.76	1.62	2.24	1969
1970	1.02	0.883	1.48	5.77	1.86	0.724	0.833	0.551	0.487	0.429	0.758	2.30	1.38	1970
1971	1.87	1.80	3.41	8.91	1.83	0.860	0.604	0.577	0.509	0.350	0.283	0.505	1.75	1971
1972	1.72	1.72	1.43	8.88	2.36	1.97	1.60	1.18	0.883	0.778	2.47	4.42	2.44	1972
1973	4.42	4.08	8.24	4.50	1.59	0.838	0.682	0.858	0.650	0.474	0.541	0.870	2.10	1973
1974	2.10	2.18	4.88	8.48	3.58	0.777	0.733	0.780	0.774	0.747	0.783	1.20	2.09	1974
1975	2.78	2.04	3.38	5.35	0.885	0.848	0.838	1.42	1.57	0.702	0.542	1.18	1.80	1975
1976	1.81	3.00	7.00	4.78	2.10	1.08	1.54	1.43	1.06	0.762	0.551	0.371	2.13	1976
1977	0.381	0.437	3.08	2.81	1.43	1.57	1.82	1.47	0.908	0.784	0.759	1.26	1.37	1977
1978	4.27	5.35	1.75	4.88	0.702	1.31	1.31	1.41	1.05	1.58	0.638	0.654	2.03	1978
1979	0.782	0.844	4.37	4.87	1.84	1.87	1.49	1.47	1.28	1.04	0.891	1.81	1.81	1979
1980	2.35	2.00	2.29	4.02	3.24	1.31	1.37	1.40	1.27	1.11	1.00	1.61	1.91	1980
1981	1.28	4.47	3.35	0.782	1.57	2.11	1.37	1.70	5.83	4.43	2.30	3.67	2.72	1981
1982	1.70	1.40	2.00	5.85	1.94	1.78	1.38	1.38	1.78	1.50	2.95	2.09	2.09	1982
1983	4.87	2.04	2.45	2.44	5.04	1.81	1.44	1.69	1.22	0.892	1.56	3.73	2.46	1983
1984	4.02	3.47	4.88	3.61	2.59	1.82	1.68	1.71	1.33	1.05	0.782	0.775	2.32	1984
MEAN	1.98	2.00	3.02	5.50	2.13	1.08	1.00	1.00	1.01	0.928	1.21	2.09	1.91	MEAN

LOCATION - LAT 44 28 17 N DRAINAGE AREA, 189 km^2
LONG 76 45 46 W REGULATED SINCE 1957

DEPOT CREEK AT BELLROCK - STATION NO. 02HM002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	8.47 ON APR 10	0 ON SEP 27 *	49 600	1957
1958	---	9.17 ON APR 8	0.0428 ON DEC 31	55 100	1958
1959	---	21.2 ON APR 9 *	0 ON JUN 10	68 700	1959
1960	---	18.2 ON APR 5	0.147 ON DEC 7	63 200	1960
1961	---	8.64 ON APR 12	0.079 ON JUL 4	42 100	1961
1962	---	12.1 ON APR 10	0.185 ON OCT 21	45 700	1962
1963	---	10.3 ON APR 8	0.394 ON SEP 24	44 400	1963
1964	---	7.48 ON APR 15	0.212 ON DEC 11	44 000	1964
1965	---	14.4 ON APR 17	0.227 ON JAN 6	70 100	1965
1966	---	12.1 ON DEC 12	0.288 ON OCT 28	59 700	1966
1967	---	7.53 ON APR 3	0.343 ON OCT 7	59 500	1967
1968	---	8.87 ON APR 5	0.173 ON OCT 18	55 300	1968
1969	---	15.1 ON MAY 22	0.061 ON OCT 4	70 800	1969
1970	---	7.82 ON APR 10	0.1808 ON FEB 20	43 800	1970
1971	15.1 AT 08:49 EST ON APR 18	14.9 ON APR 18	0.153 ON DEC 5	55 200	1971
1972	18.8 AT 18:00 EST ON APR 20 *	18.4 ON APR 20	0.612 ON OCT 20	77 100	1972
1973	10.8 AT 00:51 EST ON MAR 21	10.8 ON MAR 21	0.405 ON OCT 28	66 200	1973
1974	13.1 AT 10:45 EST ON APR 5	12.9 ON APR 5	0.345 ON OCT 5	65 900	1974
1975	9.83 AT 14:10 EST ON APR 19	9.37 ON APR 20	0.343 ON NOV 1	58 800	1975
1976	13.5 AT 01:39 EST ON APR 4	13.4 ON APR 3	0.139 ON NOV 24	67 300	1976
1977	---	9.638 ON MAR 14	0.3578 ON FEB 7	43 100	1977
1978	---	7.368 ON FEB 9	0.021 ON OCT 5	64 000	1978
1979	10.8 AT 11:15 EST ON APR 9	10.3 ON APR 9	0.441 ON APR 28	57 200	1979
1980	---	11.6 B ON MAR 22	0.5808 ON MAR 18	60 500	1980
1981	---	11.7 B ON FEB 21	0.511 ON MAY 1	65 900	1981
1982	9.85 AT 09:16 EST ON APR 3	9.31 ON APR 2	1.11 ON AUG 8	68 000	1982
1983	---	9.41E ON MAY 8	0.752E ON NOV 10	77 600	1983
1984	7.68 AT 15:10 EST ON APR 6	7.73 ON APR 6	0.573 ON DEC 11	73 500	1984
				60 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DINGMAN CREEK BELOW LAMBETH - STATION NO. 02GE005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	---	---	2.03	---	1965
1966	0.598	1.83	2.53	1.62	0.654	0.462	0.059	0.080	0.068	0.094	0.885	3.47	1.01	1966
1967	1.11	0.708	3.68	3.93	1.17	0.854	0.389	0.248	0.102	0.757	2.33	2.93	1.62	1967
1968	1.49	5.51	3.55	1.12	0.337	1.18	0.851	0.618	0.685	0.841	1.58	1.52	1.67	1968
1969	5.04	2.20	2.10	3.46	2.55	1.21	0.143	0.050	0.049	0.109	0.878	0.909	1.55	1969
1970	0.428	0.981	3.05	2.33	0.508	0.158	0.782	0.132	0.111	0.238	2.37	2.29	1.11	1970
1971	0.533	1.65	4.73	1.46	0.230	0.087	0.059	0.037	0.028	0.024	0.054	0.232	0.757	1971
1972	0.537	0.136	4.66	3.53	0.758	0.426	0.212	0.951	0.143	0.555	1.96	2.42	1.39	1972
1973	1.88	0.785	5.54	1.37	0.990	0.791	0.152	0.153	0.059	0.152	1.25	1.36	1.30	1973
1974	4.29	2.64	3.23	2.21	2.85	0.802	0.411	0.137	0.140	0.108	0.959	0.760	1.52	1974
1975	2.90	2.74	4.24	2.31	0.568	1.10	0.186	0.323	0.548	0.245	0.320	0.982	1.36	1975
1976	0.917	5.55	5.42	1.83	1.45	0.205	0.452	0.373	0.275	0.214	0.593	0.247	1.62	1976
1977	0.068	0.857	9.85	2.10	0.337	0.236	0.381	0.187	1.84	1.33	1.57	5.28	2.02	1977
1978	0.775	0.493	5.33	5.30	0.778	0.222	0.225	0.180	0.276	0.342	0.374	1.03	1.28	1978
1979	0.718	0.581	8.87	5.15	0.788	0.324	0.236	0.358	0.284	0.510	4.04	3.99	1.89	1979
1980	1.48	0.501	4.11	3.28	0.754	0.674	1.11	0.414	0.595	1.03	0.484	1.31	1.32	1980
1981	0.153	6.57	1.26	3.12	0.788	0.583	0.218	0.383	1.34	1.44	1.14	0.892	1.30	1981
1982	0.586	0.245	8.42	4.81	0.857	2.65	0.436	0.160	0.144	0.241	8.70	4.82	2.38	1982
1983	1.71	1.42	0.897	1.81	2.05	0.318	0.494	0.884	0.206	0.887	1.46	1.96	1.18	1983
1984	0.142	8.83	4.17	2.38	1.15	2.65	1.28	0.141	1.59	0.517	0.830	1.83	1.90	1984
MEAN	1.34	2.17	4.36	2.80	1.03	0.777	0.412	0.302	0.445	0.501	1.54	2.01	1.47	MEAN

LOCATION - LAT 42 56 02 N DRAINAGE AREA, 146 km²
LONG 81 21 05 W NATURAL FLOW

DINGMAN CREEK BELOW LAMBETH - STATION NO. 02GE005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	22.3 AT 04:30 EST ON DEC 8	18.2 ON DEC 8	0.028 ON SEP 20	31 800	1966
1967	39.6 AT 10:00 EST ON APR 3	24.6 ON APR 3	0.051 ON AUG 14	48 000	1967
1968	86.3B AT 13:00 EST ON FEB 2 *	58.9B ON FEB 2	0.079 ON JUN 24	49 600	1968
1969	41.1 AT 17:46 EST ON JAN 30	27.2 ON JAN 30	0.019 ON SEP 15	49 000	1969
1970	17.6 AT 23:09 EST ON APR 2	11.7 ON APR 3	0.085 ON SEP 25	35 100	1970
1971	---	14.4 ON MAR 15	0 ON AUG 5 *	23 900	1971
1972	36.0 AT 04:08 EST ON APR 17	22.1 ON APR 17	0.031 ON AUG 1	43 900	1972
1973	28.2 AT 22:13 EST ON MAR 11	17.0 ON MAR 15	0.042 ON SEP 5	41 000	1973
1974	30.6 AT 21:22 EST ON FEB 22	21.9 ON JAN 27	0.082 ON AUG 28	48 100	1974
1975	---	27.0 ON FEB 24	0.071E ON JUL 31	42 800	1975
1976	38.2 AT 19:52 EST ON MAR 5	30.6 ON MAR 5	0.059B ON DEC 19	48 200	1976
1977	---	30.8E ON MAR 13	0.042B ON JAN 30	63 700	1977
1978	---	26.4B ON MAR 23	0.010 ON JUL 14	40 300	1978
1979	---	40.1 ON APR 14	0.001 ON AUG 20	62 900	1979
1980	---	22.2 ON MAR 17	0.082 ON SEP 12	41 800	1980
1981	---	19.8 ON FEB 23	0.080 ON JUL 15	40 900	1981
1982	---	29.8 ON MAR 31	0.084 ON AUG 17	74 500	1982
1983	---	12.8 ON MAY 2	0.12B ON SEP 13	35 700	1983
1984	---	84.0E ON FEB 14 *	0.020E ON AUG 11	80 100	1984
				45 400	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DON RIVER AT TODMORDEN - STATION NO. 02HC024

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	---	---	---	2.93	3.58	2.42	---	1962
1963	1.37	1.30	7.15	3.11	3.21	1.44	1.48	2.57	1.61	1.23	2.38	1.61	2.37	1963
1964	3.05	1.83	8.85	3.88	2.16	1.75	3.84	3.38	1.48	1.63	1.82	2.85	2.78	1964
1965	2.25	8.81	5.85	5.82	2.18	2.25	2.30	2.01	2.03	3.58	4.18	3.82	3.84	1965
1966	2.44	3.32	8.71	3.18	2.80	2.52	1.57	1.85	2.20	1.68	4.75	5.23	3.19	1966
1967	2.85	2.16	6.80	6.15	3.03	4.10	3.00	2.71	2.89	3.58	3.70	4.87	3.80	1967
1968	2.87	8.89	8.85	3.34	3.84	2.78	1.90	2.99	2.91	2.19	3.86	3.20	3.88	1968
1969	5.44	2.95	5.87	8.21	4.08	2.41	2.84	2.74	1.73	2.33	3.18	2.35	3.48	1969
1970	1.85	2.61	8.77	5.87	3.38	1.85	3.19	2.89	2.61	2.85	3.03	3.08	3.23	1970
1971	1.88	4.19	7.04	5.88	2.18	2.47	3.42	3.48	1.85	1.87	1.87	4.18	3.38	1971
1972	3.29	2.87	7.40	11.8	2.77	3.21	2.70	2.90	2.83	3.38	4.18	4.88	4.33	1972
1973	4.38	3.71	10.7	5.78	4.23	3.08	2.08	2.42	2.12	3.33	4.32	3.84	4.18	1973
1974	5.72	3.85	8.38	8.09	7.20	4.02	1.88	2.24	2.28	1.85	2.98	2.38	3.90	1974
1975	3.24	8.89	5.18	5.73	3.45	2.88	2.11	2.83	2.82	1.90	2.61	2.89	3.84	1975
1976	2.10	8.78	9.05	4.71	4.88	3.88	4.87	3.83	2.84	2.84	1.80	1.82	4.08	1976
1977	1.53	3.07	8.74	4.87	1.88	3.40	4.47	4.08	5.80	5.21	8.47	7.72	4.78	1977
1978	3.80	2.00	8.32	8.24	4.82	2.01	1.83	2.90	4.81	2.83	3.24	3.28	4.07	1978
1979	4.72	2.98	11.1	7.78	3.98	3.08	2.40	2.88	2.83	3.33	4.08	7.03	4.88	1979
1980	4.00	1.72	8.38	8.82	3.04	3.74	4.78	2.32	2.58	3.50	2.41	3.48	4.07	1980
1981	1.71	10.8	2.42	2.88	3.87	2.88	3.29	4.37	8.48	6.05	3.88	2.40	4.08	1981
1982	3.38	2.58	11.8	8.83	3.55	8.33	2.83	4.22	4.82	2.81	8.82	8.28	4.84	1982
1983	3.45	4.80	8.11	8.42	8.14	2.43	1.78	3.88	2.88	3.70	8.08	8.09	4.18	1983
1984	2.08	10.8	7.41	8.14	4.87	3.10	2.81	3.40	4.20	1.98	4.00	3.38	4.40	1984
MEAN	3.08	4.38	7.38	8.80	3.88	2.88	2.78	3.02	2.84	2.88	3.81	3.80	3.88	MEAN

LOCATION - LAT 43 41 50 N DRAINAGE AREA, 318 km²
LONG 79 21 15 W NATURAL FLOW

DON RIVER AT TODMORDEN - STATION NO. 02HC024

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	44.2 AT 14:30 EST ON AUG 1	18.0E ON MAR 8	0.985 ON JUL 7 *	74 900	1983
1984	58.1 AT 21:00 EST ON JUL 1	27.4 ON JUL 13	1.10 ON JUN 28	87 400	1984
1985	138 AT 20:00 EST ON FEB 10	70.2 ON FEB 10	1.03 ON JUN 20	111 000	1985
1986	85.0 AT 23:00 EST ON NOV 9	32.6 ON MAR 1	1.25 ON JUL 24	101 000	1986
1987	91.2 AT 23:30 EST ON APR 2	38.6 ON APR 3	1.49 ON FEB 14	120 000	1987
1988	78.6 AT 20:15 EST ON FEB 2	61.7 ON FEB 2	1.30 ON JUL 28	122 000	1988
1989	82.0 AT 14:11 EST ON APR 18	36.2 ON APR 18	1.29 ON DEC 23	110 000	1989
1990	82.9 AT 19:27 EST ON JUL 31	32.3 ON APR 2	1.37 ON JUN 14	102 000	1990
1991	85.0 AT 13:46 EST ON JUN 25	38.2 ON APR 2	1.31 ON AUG 20	106 000	1991
1992	88.2 AT 08:43 EST ON APR 13	43.3 ON APR 13	1.38 ON JAN 15	137 000	1992
1993	83.4 AT 15:46 EST ON MAR 11	37.9E ON FEB 2	1.27 ON SEP 26	131 000	1993
1994	174 AT 23:54 EST ON MAY 16	54.7 ON MAR 5	1.32 ON AUG 20	123 000	1994
1995	135 AT 15:56 EST ON FEB 24	58.9 ON FEB 24	1.24 ON AUG 19	112 000	1995
1996	149 AT 19:04 EST ON AUG 28	31.1 ON AUG 28	1.18 ON DEC 3	129 000	1996
1997	150 AT 00:12 EST ON SEP 25	45.3 ON MAR 13	1.28 ON JUN 11	151 000	1997
1998	105 AT 22:14 EST ON SEP 18	30.0 ON APR 7	1.27 E ON JUL 17	128 000	1998
1999	154 AT 17:27 EST ON DEC 25	75.3 ON DEC 25	1.38 ON DEC 17	147 000	1999
2000	149 AT 17:07 EST ON MAR 21	86.7 ON MAR 21	1.30 ON AUG 17	129 000	2000
2001	129 AT 14:38 EST ON MAY 11	51.4 ON FEB 11	1.35 ON JAN 13	129 000	2001
2002	159 AT 19:46 EST ON SEP 14	44.5 ON MAR 13	1.38 ON SEP 8	153 000	2002
2003	83.5 AT 18:19 EST ON AUG 8	30.2 ON MAR 19	1.38 ON SEP 13	131 000	2003
2004	180 AT 07:50 EST ON FEB 14 *	108 ON FEB 14 *	1.38 ON JUL 25	139 000	2004
				122 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DON RIVER AT YORK MILLS - STATION NO. 02HC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	---	---	---	---	1945
1946	0.868	0.198	2.58	0.217	0.191	0.142	0.048	0.028	0.075	0.145	0.153	0.184	0.388	1946
1947	---	---	2.38	2.53	---	---	---	---	---	---	---	---	---	1947
1951	---	2.47	2.91	3.13	0.285	0.228	0.536	0.154	0.130	0.158	0.488	0.444	---	1951
1952	1.41	1.64	3.82	1.78	0.444	0.232	0.157	0.144	0.145	0.150	0.255	0.278	0.883	1952
1953	0.275	0.725	0.922	0.470	1.35	0.310	0.268	0.228	0.309	---	0.192	0.275	---	1953
1954	0.298	4.67	2.88	1.84	0.503	0.420	0.237	0.130	0.095	3.11	0.133	0.225	1.18	1954
1955	0.873	0.290	2.87	2.04	0.358	0.287	0.153	0.248	0.080	0.226	0.301	0.243	0.888	1955
1956	0.215	0.141	2.22	2.32	1.18	0.338	0.566	0.986	0.380	0.185	0.238	0.748	0.798	1956
1957	0.626	0.843	1.03	1.13	0.778	0.748	0.333	0.284	0.340	0.469	0.472	1.19	0.711	1957
1958	0.381	1.02	1.45	0.822	0.343	0.315	0.337	0.388	0.388	0.352	0.462	0.347	0.520	1958
1959	0.384	0.354	3.28	1.82	0.485	0.313	0.447	---	---	---	---	---	---	1959
1960	---	---	---	2.28	2.25	0.414	0.373	0.272	0.195	0.248	0.378	0.248	---	1960
1961	0.237	1.13	1.02	0.807	0.655	0.519	0.381	0.275	0.247	0.237	0.387	0.328	0.511	1961
1962	0.467	0.285	2.38	0.510	0.287	0.278	0.341	0.287	0.433	0.533	0.891	0.447	0.584	1962
1963	0.263	0.228	2.00	0.478	0.608	0.278	0.298	0.327	0.296	0.245	0.398	0.314	0.480	1963
1964	0.738	0.341	1.94	0.875	0.450	0.290	0.898	0.705	0.323	0.284	0.336	0.519	0.630	1964
1965	0.448	1.78	1.84	1.71	0.458	0.348	0.432	0.331	0.407	0.758	0.884	0.871	0.853	1965
1966	0.528	0.838	2.20	0.785	0.807	0.611	0.330	0.339	0.380	0.389	1.08	1.42	0.798	1966
1967	0.880	0.522	1.82	1.84	0.827	---	---	---	---	---	---	---	---	1967
1968	---	---	---	---	---	0.530	0.371	0.417	0.522	0.314	0.476	0.430	---	1968
1969	1.21	0.568	1.84	1.88	0.917	0.283	0.334	0.288	0.182	0.283	0.530	0.280	0.678	1969
1970	0.218	0.333	1.44	1.30	0.513	0.198	0.411	0.416	---	---	---	---	---	1970
1971	---	---	---	---	---	---	---	---	---	0.283	0.273	0.883	---	1971
1972	0.873	0.388	2.00	4.14	0.457	0.488	0.402	0.488	0.812	0.846	0.888	1.02	1.05	1972
1973	1.08	0.885	3.15	1.43	0.758	0.500	0.285	0.431	0.341	0.509	0.791	0.677	0.908	1973
1974	1.87	0.868	1.82	1.80	1.88	0.558	0.254	0.158	0.258	0.285	0.482	0.371	0.870	1974
1975	0.538	1.78	1.08	1.48	0.584	0.480	0.285	0.428	0.423	0.288	0.401	0.473	0.869	1975
1976	0.320	1.85	2.80	1.13	1.14	0.747	0.881	0.883	0.418	0.400	0.228	0.241	0.891	1976
1977	0.190	0.472	2.40	1.07	0.311	0.508	0.702	0.878	1.03	1.22	1.38	1.88	0.984	1977
1978	0.837	0.295	2.27	2.48	0.832	0.348	0.277	0.528	0.858	0.482	0.380	0.488	0.821	1978
1979	0.814	0.483	3.28	1.88	0.718	0.318	0.232	0.305	0.282	0.804	0.882	1.75	0.978	1979
1980	0.880	0.288	2.02	2.12	0.485	0.841	1.20	0.400	0.418	0.810	0.383	0.782	0.881	1980
1981	0.230	2.03	0.440	0.508	0.782	0.528	0.518	0.719	1.21	1.07	0.873	0.400	0.814	1981
1982	0.578	0.419	3.35	1.54	0.390	0.980	0.478	0.618	0.858	0.595	1.67	2.02	1.13	1982
1983	0.780	1.10	1.25	1.75	1.44	0.432	0.245	0.558	0.512	0.782	1.04	0.785	0.888	1983
1984	0.283	3.38	1.83	1.23	1.03	0.548	0.413	0.533	0.936	0.281	0.882	0.828	0.983	1984
MEAN	0.805	1.04	2.12	1.83	0.730	0.428	0.403	0.384	0.428	0.832	0.872	0.847	0.788	MEAN

LOCATION - LAT 43 44 21 N DRAINAGE AREA, 88.1 km^2
LONG 79 2[illegible] 05 W REGULATED SINCE 1973

DON RIVER AT YORK MILLS - STATION NO. 02HC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	18.4 ON MAR 7	0.028 ON JUL 1 *	12 300	1946
1947	---	---	---	---	1947
1951	---	42.6 E ON APR 12	0.028 ON MAY 8	---	1951
1952	---	30.6 E ON MAR 11	0.142 ON JUL 1	27 200	1952
1953	---	---	---	---	1953
1954	---	47.6 E ON OCT 16 *	0.085 ON AUG 8	38 400	1954
1955	---	28.3 E ON MAR 1	0.057 ON AUG 18	21 100	1955
1956	---	18.3 ON MAR 7	0.057 ON OCT 27	25 200	1956
1957	---	14.2 ON JAN 22	0.113 ON JUL 20	22 400	1957
1958	---	8.10E ON FEB 25	0.170 ON JUL 29	18 400	1958
1959	---	12.6 ON MAR 21	---	---	1959
1960	31.7 E AT 05:30 EST ON MAY 8	28.7 ON MAR 31	0.170 ON AUG 27	---	1960
1961	7.48 AT 23:00 EST ON FEB 23	5.40 ON FEB 26	0.161 ON SEP 18	18 100	1961
1962	14.6 AT 17:00 EST ON NOV 10	10.3 ON NOV 10	0.181 ON FEB 23	18 700	1962
1963	10.8 AT 14:00 EST ON AUG 1	8.30 ON MAR 25	0.201 ON JUL 18	15 100	1963
1964	12.5 AT 01:00 EST ON AUG 29	9.43 ON JUL 13	0.159 ON SEP 19	19 800	1964
1965	57.5 AT 18:00 EST ON FEB 10	21.5 ON FEB 10	0.142 ON MAR 2	26 800	1965
1966	22.2 AT 19:30 EST ON NOV 8	12.8 ON MAR 1	0.241 ON JUL 23	25 100	1966
1967	23.7 AT 05:00 EST ON APR 3	10.9 ON APR 3	---	---	1967
1968	---	---	---	---	1968
1969	24.6 AT 16:16 EST ON APR 18	15.5 ON APR 18	0.113 ON SEP 8	21 400	1969
1970	20.8 AT 17:53 EST ON JUL 31	5.97 ON APR 3	---	---	1970
1971	---	---	---	---	1971
1972	13.6 E ON APR 13	13.6 E ON APR 13	0.093 ON FEB 20	33 300	1972
1973	24.3 AT 20:15 EST ON MAR 11	12.7 ON FEB 2	0.161 ON SEP 12	28 600	1973
1974	38.2 AT 20:48 EST ON MAY 16	17.0 E ON MAR 5	0.078 ON AUG 8	27 400	1974
1975	19.8 AT 13:43 EST ON FEB 24	10.7 ON FEB 24	0.133 ON AUG 19	21 100	1975
1976	18.9 AT 13:51 EST ON JUL 31	9.23 ON MAR 21	0.119 ON DEC 3	28 200	1976
1977	22.5 AT 15:08 EST ON JUL 15	7.48 ON MAR 13	0.156 ON JUN 14	30 400	1977
1978	15.0 AT 12:03 EST ON OCT 4	7.48E ON MAR 21	0.122 ON OCT 22	25 800	1978
1979	18.0 AT 14:03 EST ON DEC 25	10.7 ON DEC 25	0.094 ON JUL 24	30 600	1979
1980	46.8 AT 18:08 EST ON MAR 21	24.3 ON MAR 21	0.134 ON MAY 26	27 200	1980
1981	25.0 AT 00:38 EST ON SEP 5	16.5 ON FEB 19	0.139 ON JUL 14	25 700	1981
1982	---	14.2 ON MAR 15	0.175 ON AUG 18	35 600	1982
1983	21.6 AT 18:12 EST ON AUG 8	7.44 ON MAY 4	0.117 ON SEP 15	28 000	1983
1984	65.8 AT 22:54 EST ON FEB 14 *	33.1 ON FEB 15	0.034 ON MAR 13	31 100	1984
				25 100	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DUCHESNAY RIVER NEAR NORTH BAY - STATION NO. 02DD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	---	---	2.01	2.12	0.828	---	1956
1957	0.559	0.460	0.937	4.79	1.70 R	3.62	2.58	0.175	2.94	3.57	4.08	2.31	2.31 R	1957
1958	0.608	0.325	0.759	4.32	1.03	1.03	0.954	0.113	1.05	2.21	0.920	0.429	1.15	1958
1959	0.308	0.190	0.282	8.44	2.28	0.859	0.880	1.44	4.13	2.38	3.98 R	1.15 R	1.97 R	1959
1960	0.518R	0.586R	0.461R	8.35	3.65	1.80	3.31	0.479	0.837	1.29	2.72	1.02 R	2.08 R	1960
1961	0.327R	0.150R	0.277R	4.59	2.53	0.805	1.93	1.16	1.82	0.935	1.51 R	1.31 R	1.48 R	1961
1962	0.507R	0.347R	0.603R	5.10	2.85	0.370	0.083	0.080	0.178	0.212	0.428	0.398R	0.927R	1962
1963	0.190R	0.181R	0.893R	7.35	2.83	0.715	0.151	0.388	0.237R	0.259R	0.917R	0.457R	1.19 R	1963
1964	0.210R	0.291R	0.472R	4.28R	1.44	0.287	0.127	0.219	2.21	1.17	1.14 R	1.48 R	1.11 R	1964
1965	0.439R	0.402R	0.308R	4.94	3.84	0.355	0.487	1.27	2.17	2.45	1.40	1.22	1.58 R	1965
1966	1.33	0.708	1.11	5.10	1.75	0.828	0.197	0.551	0.392	1.33	3.15	2.74	1.88	1966
1967	0.508	0.506	0.384	7.25	1.88	1.08	0.285	0.198	0.442	1.05	3.58	1.28	1.51	1967
1968	0.401	1.01	1.53	5.01R	1.17	0.717	0.502	0.415	0.484	0.538	0.888	1.11	1.13 R	1968
1969	0.792	0.480	1.58	5.83	3.28	1.91	0.805	0.898	0.341	2.23	4.49	0.708	1.99	1969
1970	0.202	0.178	0.253	5.22	4.25	3.28	5.86	1.19	1.98	1.98	1.81	0.744	2.32	1970
1971	0.318	0.327	0.489	5.58	3.01	0.302	0.113	0.184	0.431	0.881	0.879	1.84	1.26	1971
1972	0.893	0.372	0.324	5.31	5.85	1.14	0.633	3.71	0.658	1.47	1.49	0.880	1.67	1972
1973	0.523	0.520	3.78	5.27	2.86	1.52	0.409	0.803	0.458	1.39	1.72	1.11	1.79	1973
1974	0.521	1.06	0.544	7.33	3.08	2.70	0.521	0.471	0.452	1.49	4.21	1.00	1.84	1974
1975	0.503	0.289	0.545	4.47	4.11	1.74	0.412	0.114	0.313	1.25	2.02	2.84	1.55	1975
1976	0.285	0.131	1.84	5.79	2.95	0.842	1.44	0.393	0.913	0.886	0.513	0.372	1.44	1976
1977	0.249	0.229	2.10	7.17	0.888	0.376	1.63	1.55	1.77	1.50	2.03	0.717	1.67	1977
1978	0.388	0.433	0.286	4.21	4.13	0.574	0.538	1.31	2.38	2.49	1.19	0.598	1.55	1978
1979	0.436	0.428	3.27	8.91	2.90	0.741	0.582	0.584	0.985	1.71	1.90	1.53	2.00	1979
1980	0.895	0.291	1.78	8.50	1.80	1.08	1.18	0.825	2.79	2.46	1.80	0.855	1.95	1980
1981	0.318	1.50	1.85 R	7.32	3.15	1.34	0.311	0.287	1.93	3.55	1.18	0.872	1.84 R	1981
1982	0.331	0.287	0.841	7.70	1.79	0.818	0.291	0.289	1.41	1.80	1.88	3.18	1.71	1982
MEAN	0.472R	0.448R	1.05 R	5.21R	2.87 R	1.17	0.992	0.718	1.28 R	1.84 R	1.95 R	1.22 R	1.85	MEAN

LOCATION - LAT 46 19 53 N
LONG 79 30 20 W

DRAINAGE AREA, 90.4 km^2
NATURAL FLOW

R - REVISED SINCE JAN 1980

DUCHESNAY RIVER NEAR NORTH BAY - STATION NO 02DD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	43 5 ON JUN 30 *	0 113 ON AUG 13	72 800R	1957
1958	---	8 27 ON APR 16	0 057E ON AUG 10	36 100	1958
1959	---	22 7 ON APR 19	0 085 ON JUL 16	62 100R	1959
1960	---	19 5 ON APR 25	0 130 ON AUG 26	65 100R	1960
1961	---	9 85 ON APR 17	0 125RB ON FEB 12	48 000R	1961
1962	---	14 4 ON APR 23	0 014 ON AUG 2	29 200R	1962
1963	---	22 1 E ON APR 3	0 026 ON AUG 12	37 500R	1963
1964	---	17 9 ON APR 15	0 006 ON JUL 28 *	35 000R	1964
1965	---	11 9 ON MAY 4	0 144 ON JUL 1	49 200R	1965
1966	---	22 1 ON APR 22	0 074 ON JUL 6	52 400	1966
1967	17.2 AT 13:00 EST ON APR 18	18 7 ON APR 18	0 088 ON SEP 1	47 600	1967
1968	---	14 3 A ON APR 1	0 093 ON AUG 11	35 800R	1968
1969	19.0 AT 14:00 EST ON APR 18	18 0 ON APR 18	0 159 ON JUL 23	62 700	1969
1970	28.0 AT 10:03 EST ON JUL 21	24 9 ON JUL 21	0 1678 ON JAN 26	73 100	1970
1971	18.7 AT 01:58 EST ON APR 20	15 1 ON APR 20	0 054 ON JUL 5	39 700	1971
1972	21.2 AT 14:03 EST ON AUG 25	20 2 ON MAY 3	0 102 ON JUL 9	59 300	1972
1973	18.7 AT 03:43 EST ON APR 3	15 3 ON APR 2	0 127 ON JUL 25	56 500	1973
1974	19.8 AT 10:38 EST ON APR 23	16 5 ON APR 23	0 071 ON AUG 29	81 100	1974
1975	15.8 AT 21:00 EST ON MAY 1	14 5 ON MAY 2	0 054 ON SEP 1	49 000	1975
1976	16.1 AT 13:26 EST ON MAY 18	14 7 ON APR 18	0 082 ON AUG 29	45 800	1976
1977	15.5 AT 12:37 EST ON APR 22	14 9 ON APR 21	0 057E ON JUL 23	52 800	1977
1978	17.4 AT 03:19 EST ON APR 28	15 5 ON APR 28	0 164 ON JUL 8	48 800	1978
1979	32.6 AT 07:18 EST ON APR 27 *	26 5 ON APR 27	0 174 ON AUG 17	63 000	1979
1980	27.7 AT 02:17 EST ON APR 10	25 4 ON APR 10	0 1558 ON MAR 15	81 500	1980
1981	---	26 5 E ON APR 5	0 110 ON AUG 2	58 100R	1981
1982	---	18 0 E ON APR 18	0 087 ON JUL 27	53 900	1982
				52 100R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980

DUFFINS CREEK ABOVE PICKERING - STATION NO 02HC019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	0 727	0 651	0 829	1 07	0 739R	---	1960
1961	0 544R	1 78 R	0 976R	1 77	1 17	0 899	0 643	---	---	---	---	---	---	1961
1962	---	---	---	1 61 R	0 461	0 765	0 724	0 845	0 608	0 756	1 12	1 06 R	---	1962
1963	0 543R	0 439R	1 98 R	0 991	1 14	0 571	0 512	0 538	0 565	0 503	0 708	0 823R	0 781R	1963
1964	0 924R	0 770R	0 876R	1 09	0 695	0 488	0 770	0 885	0 486	0 588	0 841R	1 09 R	0 775R	1964
1965	0 720R	2 42 R	1 89 R	2 83 R	0 756	0 516	0 641	0 535	0 803	1 03	1 42	1 56	1 22 R	1965
1966	0 928	0 814	1 90	1 18	0 980	0 843	0 359	0 445	0 520	0 530	1 01	1 48	0 899	1966
1967	1 18	0 852	2 18	2 18	0 936	0 884	1 02	0 869	0 897	1 14	1 61	1 77	1 28	1967
1968	0 865	2 74	6 13	1 32	1 10	0 794	0 587	0 579	0 621	0 884	1 21	0 902	1 48	1968
1969	1 69	1 74	2 07	2 13	1 35	0 784	0 562	0 554	0 499	0 701	0 931	0 762R	1 14 R	1969
1970	0 870R	0 746R	1 58 R	2 66	1 05	0 547	0 796	0 643	0 764	0 868	0 983	1 24	1 06 R	1970
1971	0 787	1 02	1 26	3 18	0 708	0 539	0 777	0 914	0 832	0 868	0 778	1 45	1 08	1971
1972	0 893	0 859	1 26	5 87	0 745	0 598	0 677	0 663	0 653	0 819	0 872	0 924	1 22	1972
1973	1 31	1 15	3 48	1 86	1 12	0 864	0 531	0 578	0 594	0 889	0 931	0 788	1 14	1973
1974	1 82	1 16	2 40	2 10	1 55	0 898	0 845	0 544	0 588	0 852	0 842	0 756	1 16	1974
1975	0 985	2 61	1 96	1 90	1 06	0 799	0 614	0 592	0 676	0 830	0 787	0 919	1 12	1975
1976	0 803	3 72	3 47	1 69	1 38	0 862	1 07	0 736	0 735	0 712	0 889	0 945	1 36	1976
1977	0 456	0 529	3 02	1 34	0 704	0 832	0 648	0 728	1 25	1 36	2 20	2 29	1 27	1977
1978	1 87	0 390	2 33	4 18	1 99	0 803	0 606	0 701	0 831	0 858	0 943	0 827	1 36	1978
1979	0 996	0 800	4 76	2 41	1 48	0 715	0 831	0 654	0 894	0 894	1 15	1 85	1 43	1979
1980	1 05	0 452	3 48	2 95	0 883	0 922	1 10	0 724	0 831	1 02	0 956	1 26	1 31	1980
1981	0 576	4 80	1 18	1 13	1 03	0 778	0 873	1 21	1 22	1 52	1 35	0 928	1 34	1981
1982	0 880	0 714	3 48	2 77	0 822	1 43	0 875	0 755	0 859	0 890	1 59	1 98	1 43	1982
1983	1 35	1 95	1 88	2 16	1 81	0 804	0 572	0 641	0 689	0 918	1 42	1 51	1 31	1983
1984	0 827	4 32	3 49	2 68	1 51	0 731	0 525	0 640	0 901	0 748	1 07	1 11	1 53	1984
MEAN	0.978R	1.89 R	2.48 R	2.25 R	1.11	0.762	0.702	0.688	0.721	0.833	1.10 R	1.19 R	1.21	MEAN

LOCATION - LAT 43 53 30 N, LONG 79 03 33 W DRAINAGE AREA, 93.5 km^2 NATURAL FLOW

R - REVISED SINCE JAN 1980

DUFFINS CREEK ABOVE PICKERING - STATION NO. 02HC019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	---	8.858 ON MAR 25	0.439RB ON JAN 23	24 600R	1963
1964	10.7 AT 11:30 EST ON JUL 13	5.71 ON JUL 13	0.354 ON AUG 2	24 500R	1964
1965	28.5 AT 18:30 EST ON APR 7	25.1 B ON FEB 10	0.312RB ON JAN 15	38 600R	1965
1966	10.8 AT 05:15 EST ON MAY 19	8.508 ON MAR 1	0.275 ON JUL 22 *	28 400	1966
1967	31.1 AT 02:45 EST ON APR 3	10.9 ON APR 3	0.418 ON JUL 19	40 300	1967
1968	51.88 AT 18:10 EST ON FEB 2	21.0 B ON FEB 2	0.402 ON AUG 5	46 000	1968
1969	23.4 AT 15:14 EST ON APR 18	10.7 ON APR 18	0.378 ON SEP 2	36 100R	1969
1970	15.7 AT 12:42 EST ON APR 20	7.08 ON APR 20	0.453 ON AUG 11	33 500R	1970
1971	20.1 AT 18:56 EST ON APR 2	15.7 ON APR 2	0.436 ON AUG 20	34 200	1971
1972	36.0 AT 18:10 EST ON APR 11	25.4 ON APR 13	0.3988 ON FEB 20	38 700	1972
1973	37.1 AT 17:25 EST ON MAR 11	12.9 ON MAR 11	0.3608 ON DEC 18	36 000	1973
1974	30.6 AT 05:18 EST ON APR 4	19.8 B ON MAR 5	0.4818 ON JAN 18	36 700	1974
1975	85.78 AT 21:15 EST ON FEB 24	28.3 B ON FEB 24	0.504 ON AUG 20	35 200	1975
1976	31.4 AT 05:10 EST ON MAR 21	19.1 ON MAR 21	0.4258 ON DEC 31	43 000	1976
1977	37.1 AT 06:15 EST ON MAR 13	17.9 ON MAR 13	0.3748 ON FEB 3	40 100	1977
1978	36.5 AT 16:38 EST ON MAY 14	16.9 ON APR 7	0.3288 ON MAR 13	43 000	1978
1979	27.6 AT 06:20 EST ON MAR 14	16.6 ON MAR 6	0.522 ON JUL 23	45 000	1979
1980	113 AT 15:30 EST ON MAR 21 *	26.0 B ON MAR 21	0.3208 ON MAR 15	41 400	1980
1981	---	29.0 B ON FEB 20	0.508 ON JUL 14	42 200	1981
1982	48.3E AT 17:20 EST ON MAR 31	23.5 E ON MAR 31	0.578 ON AUG 18	45 100	1982
1983	25.2 AT 11:02 EST ON MAR 19	13.5 ON MAR 19	0.461 ON JUL 15	41 300	1983
1984	---	49.5 B ON FEB 14 *	0.515 ON JUL 25	48 400	1984
				38 300R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

DUFFINS CREEK AT PICKERING - STATION NO. 02HC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	2.88	2.38	---	---	1945
1946	---	---	12.3	1.88	1.82	1.49	1.20	1.18	1.35	1.61	1.68	2.57R	---	1946
1947	1.00 R	---	---	9.56	3.36	4.56	2.85	2.37	1.95	1.84	2.16	4.24R	---	1947
1948	1.25	---	15.4	3.31	2.30	1.27	0.595	0.502	0.821	1.30	1.75	1.83	---	1948
1949	6.83 R	15.3 R	13.2	3.36	1.08	0.650	0.552	0.738	1.08	1.84	1.47	2.12	3.82R	1949
1950	2.52	0.680	7.34	7.74	2.30	1.82	2.08	1.85	1.53	2.09	2.91	2.68R	2.85R	1950
1951	3.24 R	5.80 R	8.08R	7.83	2.31	1.85	2.87	0.998	1.20	1.57	2.96	1.99R	3.37R	1951
1952	3.58 R	5.83 R	9.84R	5.74	2.94	1.48	1.32	1.48	1.59	1.85	2.66	2.39	3.44R	1952
1953	2.70 R	3.17 R	5.94	3.25	3.56	1.88	0.513	0.434	0.482	1.18	1.42	1.84R	2.11R	1953
1954	2.33 R	10.6 R	8.23	5.38	1.61	1.48	0.959	1.31	1.76 R	8.48	3.82	3.79	4.04R	1954
1955	3.48	4.70	5.34	4.00	1.87	1.08	0.934	1.10	0.881	2.34	2.87	1.87	2.68	1955
1956	2.00	1.76	15.1	12.7	3.54	2.28	2.01	0.990	0.824	1.34	1.48	2.29	3.88	1956
1957	2.97	4.52	4.72	3.60	2.13	2.48	1.11	1.07	1.43	1.42	1.78	5.08	2.68	1957
1958	1.33	2.36	7.88	3.25	1.73	1.29	1.08	1.12	1.82	1.60	1.77	1.28	2.18	1958
1959	1.40	1.45	6.67	8.19	2.57	1.14	1.11	1.12	1.35	1.89	1.84	2.35	2.58	1959
1960	1.50	1.62	2.91	12.7	8.19	2.07	1.35	1.35	0.932	1.18	1.77	1.77R	3.19R	1960
1961	1.51 R	3.47 R	2.68R	4.48	2.82	1.87	1.50	1.78	1.11	1.01	1.85	1.28	2.14R	1961
1962	1.14	0.941	5.32	2.85	1.26	1.04	0.945	0.892	0.885	1.34	2.02	1.30R	1.83R	1962
1963	1.23 R	1.12 R	5.26R	2.67	3.02	1.03	0.855	1.05	1.02	0.888	1.37	1.07R	1.72R	1963
1964	1.54 R	1.41 R	3.60R	2.67	1.53	0.834	1.88	1.85	0.858	0.987	1.31	2.23R	1.88R	1964
1965	1.28 R	5.03 R	4.48R	5.52	1.45	0.881	1.18	0.921	1.05	2.29	2.81	4.12	2.82R	1965
1966	1.82	1.88	4.92	3.42	2.28	1.45	0.823	0.887	1.05	0.883	2.20	2.82	2.02	1966
1967	2.18	1.78	5.48	5.78	2.17	2.24	2.33	2.33	1.35	2.82	2.80	3.78	2.81	1967
1968	2.58	8.70	10.9	3.11	2.54	1.55	0.947	1.02	1.22	1.32	3.12	2.32	3.18	1968
1969	3.78	2.18	6.23	5.55	3.27	1.53	0.930	0.888	0.731	1.12	1.77	1.62	2.46	1969
1970	1.20	1.35	4.38	5.85	2.48	1.01	1.34	1.07	1.28	1.57	2.22	2.41	2.18	1970
1971	2.08	3.13	4.25	8.08	1.83	1.24	1.42	1.77	1.77	1.37	1.73	4.80	2.74	1971
1972	2.15	1.73	4.52	14.7	2.51	1.84	1.38	1.24	---	---	---	---	---	1972
1973	---	---	---	---	3.08	1.89	1.05	1.28	1.18	1.89	2.78	2.30	---	1973
1974	3.78	2.88	5.84	5.31	4.20	1.88	1.73	0.911	0.986	1.31	1.84	1.80	2.82	1974
1975	2.13	5.52	4.73	5.01	3.43	1.44	0.978	1.02	1.18	1.18	1.84	1.83	2.38	1975
1976	1.78	8.83	8.18	4.10	3.54	1.88	2.28	1.82	1.88	1.78	1.88	1.11	3.10	1976
1977	0.910	1.20	7.88	3.38	1.38	1.20	1.48	1.38	3.20	3.03	4.70	8.18	2.82	1977
1981	---	---	---	---	---	1.80	1.10	2.48	2.78	3.82	3.18	1.98	---	1981
1982	1.83	1.47	8.28	7.77	2.88	3.82	2.21	1.44	1.88	1.81	3.78	5.00	3.88	1982
1983	2.82	4.31	4.88	5.82	4.80	1.78	1.03	1.24	1.83	2.10	3.74	3.83	3.18	1983
1984	1.72	8.88	8.88	7.71	4.11	1.88	1.88	1.12	1.73	1.30	2.18	3.08	3.80	1984
MEAN	2.23 R	3.88 R	7.28R	5.80	2.74	1.85	1.38	1.25	1.38 R	1.81	2.30	2.87R	2.78	MEAN

LOCATION - LAT 43 51 10 N, LONG 79 03 44 W
DRAINAGE AREA, 249 km^2
REGULATED
R - REVISED SINCE JAN 1980

REMARKS - MISC. RECORDS FOR 1978-80

DUFFINS CREEK AT PICKERING - STATION NO. 02HC006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	63.1 ON MAR 7	---	---	1946
1947	---	56.4 ON MAR 25	0.878RB ON JAN 28	---	1947
1948	---	98.3 ON MAR 19	0.170 ON AUG 1	---	1948
1949	---	91.3 RB ON FEB 15	0.340 ON JUL 9	123 000R	1949
1950	---	83.4 ON APR 4	0.680B ON FEB 1	93 300R	1950
1951	---	51.5 ON APR 12	0.623 ON AUG 19	106 000R	1951
1952	---	64.0 RB ON MAR 11	0.510 ON AUG 31	109 000R	1952
1953	---	43.0 ON MAR 4	0 ON AUG 31 *	86 400R	1953
1954	---	80.6 ON MAR 25	0.623 ON JUL 18	128 000R	1954
1955	---	9.348 ON MAR 1	0.834E ON JUL 1	90 900	1955
1956	---	63.7 ON APR 4	0.340 ON JUL 21	122 000	1956
1957	---	66.8 B ON FEB 26	0.566 ON JUL 25	84 400	1957
1958	---	21.0 B ON FEB 28	0.538 ON AUG 17	88 300	1958
1959	---	81.2 ON APR 1	0.595 ON JUL 30	81 500	1959
1960	101 AT 20:00 EST ON MAY 9	59.5 ON MAY 9	0.793 ON SEP 18	101 000R	1960
1961	28.2 AT 18:30 EST ON APR 16	18.1 RB ON FEB 23	0.436RB ON JAN 31	67 400R	1961
1962	54.9B AT 20:15 EST ON MAR 23	12.9 B ON MAR 25	0.481 ON AUG 27	51 400R	1962
1963	60.9 AT 12:30 EST ON MAR 25	33.1 ON MAR 25	0.572 ON JUL 7	54 400R	1963
1964	39.9 AT 09:30 EST ON DEC 25	17.0 ON DEC 25	0.527 ON AUG 10	53 000R	1964
1965	97.1 AT 14:15 EST ON FEB 10	54.7 ON FEB 10	0.595 ON AUG 15	82 600R	1965
1966	33.4B AT 17:30 EST ON MAR 1	19.8 B ON MAR 1	0.436 ON JUL 17	63 700	1966
1967	62.3 AT 03:45 EST ON APR 3	29.2 ON APR 3	0.651 ON SEP 20	91 700	1967
1968	98.7 AT 19:15 EST ON FEB 3	60.3 ON FEB 3	0.572 ON AUG 15	100 000	1968
1969	44.5 AT 17:34 EST ON APR 18	23.9 ON APR 18	0.569 ON SEP 6	77 500	1969
1970	25.2 AT 14:52 EST ON APR 20	12.5 ON APR 3	0.685 ON AUG 8	58 800	1970
1971	45.3 AT 21:06 EST ON APR 2	39.1 ON APR 2	0.603 ON AUG 20	86 400	1971
1972	74.5 AT 20:14 EST ON APR 11	58.6 ON APR 13	---	---	1972
1973	---	---	---	---	1973
1974	---	42.5 B ON MAR 5	0.691 ON AUG 21	82 900	1974
1975	104 AT 00:47 EST ON FEB 25	53.8 B ON FEB 24	0.588 ON AUG 20	75 400	1975
1976	80.3 AT 09:52 EST ON MAR 21	47.5 ON MAR 21	0.8358 ON DEC 13	98 000	1976
1977	71.4 AT 08:45 EST ON MAR 13	43.0 ON MAR 13	0.7898 ON JAN 27	92 200	1977
1981	---	---	0.710 ON JUL 15	---	1981
1982	107 AT 20:22 EST ON MAR 31 *	55.7 ON MAR 31	1.00 ON JUL 14	112 000	1982
1983	57.7 AT 13:26 EST ON MAR 19	33.2 ON MAR 19	0.761 ON JUL 27	89 500	1983
1984	---	114 B ON FEB 14 *	0.758 ON AUG 27	114 000	1984
				88 200R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

EAGLE RIVER AT EAGLE RIVER - STATION NO. 050D003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	5.46	6.72	8.93	22.6	22.5	15.5	11.2	11.6	10.2	9.39	---	1914
1915	8.49	7.76	7.49	8.02	16.2	18.6	20.0	13.5	9.31	8.44	8.30	9.07	11.3	1915
1916	10.1	10.6	9.71	13.3	45.2	64.7	35.9	28.1	23.1	20.7	16.3	14.7	23.6	1916
1917	14.1	12.6	11.6	10.6	15.7	13.0	10.9	11.1	8.76	7.05	7.60	7.93	10.9	1917
1918	8.25	8.05	7.83	9.59	14.7	16.1	14.6	12.5	8.49	6.13	7.22	7.96	10.1	1918
1919	7.38	7.16	7.07	8.81	12.0	17.4	47.8	41.7	35.0	29.6	23.7	18.5	21.5	1919
1920	14.6	12.4	10.3	11.6	23.7	31.9	21.1	10.7	5.88	---	---	---	---	1920
1970	---	---	---	---	---	---	18.1	17.7	17.3	17.6	17.8	17.8	---	1970
1971	17.8	17.8	17.8	27.1	28.6	27.1	27.6	18.0	18.0	44.0	69.9	35.7	29.2	1971
1972	21.3	18.1	18.0	28.1	17.8	17.0	17.8	17.7	18.6	17.5	17.1	14.2	18.3	1972
1973	14.8	14.2	13.8	11.8	12.0	11.8	11.9	13.0	11.2	14.7	17.6	17.8	13.6	1973
1974	17.8	18.0	18.2	18.0	41.7	88.0	18.7	20.4	20.2	18.4	18.1	17.9	23.7	1974
1975	17.8	17.8	17.8	17.8	16.8	24.0	18.1	18.1	17.0	17.8	17.1	14.4	17.8	1975
1976	14.8	14.8	14.8	17.8	17.0	18.0	16.2	8.14	3.85	9.69	12.0	10.4	12.7	1976
1977	10.8	10.8	10.8	10.4	10.8	11.7	11.4	11.2	3.61	9.67	8.25	8.28	9.72	1977
1978	9.16	15.1	15.0	14.9	14.8	15.8	13.8	16.8	16.7	16.5	17.5	15.5	15.1	1978
1979	14.8	13.8	15.8	15.8	17.0	15.8	15.3	16.1	13.1	11.1	8.89	14.2	14.3	1979
1980	14.3	14.2	14.2	15.8	7.58	2.23	1.70	1.70	1.70	2.58	8.19	8.87	7.58	1980
1981	7.28	7.28	7.04	2.30	1.98	1.98	3.95	1.98	1.98	2.78	10.1	10.2	4.69	1981
1982	12.2	14.3	14.8	14.3	15.4	17.8	42.2	22.6	17.9	17.8	17.6	17.8	18.9	1982
1983	17.8	17.8	17.7	17.5	17.1	17.4	17.1	13.6	17.9	17.4	10.1	9.35	15.8	1983
1984	9.25	8.50	7.95	8.88	---	---	---	---	---	---	16.1	16.1	---	1984
MEAN	13.1	12.9	12.4	13.3	17.8	20.8	19.3	15.7	13.4	15.1	15.2	14.0	15.5	MEAN

LOCATION - LAT 49 47 20 N
LONG 93 11 40 W
DRAINAGE AREA, 2 510 km^2
REGULATED SINCE 1920
DATA CONTRIBUTED BY - GREAT LAKES FOREST PRODUCTS LIMITED

EAGLE RIVER AT EAGLE RIVER - STATION NO. 05OD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	28.1 ON JUN 17	---	---	1914
1915	---	21.9 ON JUL 1	5.94 ON APR 3	358 000	1915
1916	---	64.0 ON JUN 6	8.95 ON APR 8	746 000	1916
1917	---	17.6 ON MAY 17	5.00 ON OCT 14	344 000	1917
1918	---	17.1 ON JUN 1	5.44 ON OCT 25	320 000	1918
1919	---	51.3 ON JUL 13	6.62 ON FEB 16	877 000	1919
1920	---	34.8 ON JUN 12	---	---	1920
1970	---	---	---	---	1970
1971	---	85.8 ON NOV 3	9.06 ON JUL 1	820 000	1971
1972	---	43.3 ON JAN 1	2.83 ON JUN 19	580 000	1972
1973	---	18.1 ON OCT 19	6.09 ON JUL 7	431 000	1973
1974	---	90.6 ON JUN 8 *	11.5 ON APR 25	748 000	1974
1975	---	33.4 ON JUN 8	1.47 ON MAY 3	582 000	1975
1976	---	22.3 ON APR 15	0 ON AUG 19 *	402 000	1976
1977	---	17.7 ON JUN 20	0 ON SEP 10	307 000	1977
1978	---	16.7 ON SEP 16	0 ON JUL 10	476 000	1978
1979	---	16.4 ON JUL 25	0 ON SEP 4	462 000	1979
1980	---	22.9 ON APR 22	0 ON DEC 5	239 000	1980
1981	---	16.4 ON JUL 21	1.98 ON APR 7	154 000	1981
1982	---	49.8 ON JUL 5	9.91 ON JAN 4	598 000	1982
1983	---	16.7 ON AUG 31	9.20 ON DEC 19	500 000	1983
1984	---	---	---	---	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		489 000	MEAN

EAST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.087	0.137	0.305	5.53	0.715	0.056	0.017	0.001	0.008	0.087	0.088	0.184	0.591	1970
1971	0.177	0.100	0.084	5.44	0.804	0.132	0.007	0.034	0.127	0.086	0.215	1.03	0.787	1971
1972	0.387	0.064	0.155	5.85	1.39	0.890	1.85	1.38	0.091	1.36	1.79	0.843	1.42	1972
1973	2.34	0.855	4.74	2.03	1.19	0.627	0.115	0.804	0.047	0.487	0.529	0.974	1.23	1973
1974	1.52	1.55	4.35	5.06	1.80	0.484	0.059	0.384	0.112	0.085	0.828	1.36	1.46	1974
1975	0.583	0.303	1.79	5.10	0.441	0.120	0.028	0.012	0.259	1.20	1.43	1.54	1.07	1975
1976	0.214	1.34	4.88	2.83	1.32	0.164	0.029	0.006	0.032	0.336	0.481	0.190	0.891	1976
1977	0.074	0.036	4.59	1.86	0.239	0.027	0.018	0.007	0.884	2.12	1.37	1.34	1.06	1977
1978	1.20	0.671	0.711	7.48	0.485	0.065	0.002	0.006	0.006	0.004	0.026	0.030	0.878	1978
1979	---	---	---	2.48	0.475	0.154	0.018	0.023	1.30	0.931	1.28	---	---	1979
1980	---	---	---	2.70	0.881	0.078	0.018	0.023	0.485	0.774	1.24	---	---	1980
1981	---	---	0.886	1.15	1.05	1.91	0.258	0.940	0.767	1.44	1.84	---	---	1981
1982	---	---	---	4.04	0.370	0.102	0.018	0.060	0.088	0.172	0.955	---	---	1982
1983	---	---	---	3.18	3.19	0.300	0.018	0.004	0	0.024	1.50	---	---	1983
1984	---	---	---	3.78	0.939	0.161	0.021	0.058	0.032	0.034	0.329	---	---	1984
MEAN	0.732	0.582	2.27	4.03	0.937	0.351	0.165	0.249	0.281	0.605	0.912	0.830	1.05	MEAN

LOCATION - LAT 45 22 11 N DRAINAGE AREA, 78.7 km^2
LONG 74 54 00 W NATURAL FLOW

REMARKS - SEASONAL MAY-DEC.

EAST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	23.0 AT 17:59 EST ON APR 13	14.7 ON APR 13	0 ON AUG 8 *	18 600	1970
1971	17.6 AT 19:05 EST ON APR 20	15.3 ON APR 20	0.001 ON JUL 23	24 200	1971
1972	---	14.7 ON APR 19	0.0248 ON FEB 11	44 900	1972
1973	---	10.08 ON MAR 17	0.025 ON SEP 15	38 900	1973
1974	---	19.88 ON MAR 8	0.010 ON AUG 26	48 100	1974
1975	28.9 AT 13:45 EST ON APR 19 *	20.6 ON APR 19	0 ON JUL 17	33 800	1975
1976	---	17.08 ON MAR 28	0.001 ON AUG 7	31 400	1976
1977	---	17.38 ON MAR 14	0.002 ON JUL 27	33 300	1977
1978	---	23.6 ON APR 15	0 ON JUL 8	27 800	1978
1979	19.2 AT 19:20 EST ON SEP 14	17.08 ON MAR 28	0 ON JUL 21	---	1979
1980	---	13.08 ON MAR 22	0 ON AUG 25	---	1980
1981	---	28.68 ON FEB 21 *	0.043 ON AUG 6	---	1981
1982	---	18.69 ON APR 1	0.001 ON AUG 21	---	1982
1983	---	11.5 ON MAR 20	0 ON AUG 17	---	1983
1984	15.2 AT 04:30 EST ON APR 8	14.0 ON APR 8	0 ON AUG 3	---	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		33 200	MEAN

EAST CANAGAGIGUE CREEK NEAR FLORADALE - STATION NO. 02GA035

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	0.052	0.131	0.208	0.347	0.418	---	1970
1971	0.202	0.270	0.368	1.56	0.144	0.162	0.154	0.088	0.072	0.087	0.086	0.285	0.288	1971
1972	0.224	0.088	0.288	1.83	0.188	0.147	0.072	0.061	0.071	0.194	0.305	0.341	0.321	1972
1973	0.386	0.330	1.64	0.437	0.389	0.124	0.069	0.094	0.075	0.097	0.303	0.212	0.343	1973
1974	0.437	0.184	1.05	0.847	0.949	0.182	0.115	0.074	0.078	0.083	0.152	0.111	0.384	1974
1975	0.208	0.358	0.573	1.16	0.220	0.218	0.088	0.144	0.184	0.141	0.193	0.304	0.314	1975
1976	0.185	0.542	1.56	0.627	0.387	0.281	0.252	0.130	0.148	0.183	0.197	0.118	0.385	1976
1977	0.087	0.084	1.13	0.344	0.129	0.113	0.122	0.118	0.244	0.338	0.338	0.312	0.281	1977
1978	0.159	0.108	0.252	1.69	0.285	0.126	0.083	0.090	0.150	0.139	0.145	0.181	0.281	1978
1979	0.130	0.070	1.48	0.953	0.257	0.110	0.091	0.084	0.088	0.105	0.301	0.473	0.345	1979
1980	0.224	0.088	1.01	0.585	0.209	0.171	0.128	0.150	0.185	0.249	0.190	0.332	0.295	1980
1981	0.100	1.16	0.323	0.269	0.189	0.112	0.088	0.129	0.240	0.397	0.278	0.198	0.283	1981
1982	0.139	0.084	0.632	1.16	0.158	0.187	0.095	0.153	0.213	0.156	0.709	0.900	0.386	1982
1983	0.264	0.401	0.420	0.551	0.716	0.178	0.090	0.104	0.110	0.148	0.181	0.321	0.290	1983
1984	0.104	0.858	0.705	0.478	0.181	0.178	0.094	0.087	0.123	0.099	0.250	0.578	0.317	1984
MEAN	0.200	0.337	0.828	0.908	0.311	0.181	0.112	0.103	0.140	0.175	0.268	0.338	0.322	MEAN

LOCATION - LAT 43 39 04 N DRAINAGE AREA, 27.7 km²
LONG 80 34 20 W NATURAL FLOW

EAST CANAGAGIGUE CREEK NEAR FLORADALE - STATION NO. 02GA035

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	---	---	---	---	1970
1971	6.57 AT 18:31 EST ON APR 11	4.59 ON APR 13	0.057 ON AUG 21	9 090	1971
1972	21.2 AT 22:16 EST ON APR 18	7.50 ON APR 13	0.051 ON JUL 31	10 200	1972
1973	26.7 AT 13:49 EST ON MAR 11 *	7.33 ON MAR 11	0.084 ON SEP 2	10 800	1973
1974	---	13.2 E ON MAY 17	0.0428 ON FEB 18 *	11 500	1974
1975	20.0 AT 00:16 EST ON APR 19	7.22 ON APR 19	0.085 ON AUG 16	9 900	1975
1976	14.0 AT 02:22 EST ON MAR 21	8.24 ON MAR 21	0.0798 ON DEC 31	12 200	1976
1977	12.5 AT 03:57 EST ON MAR 13	8.21 ON MAR 13	0.0628 ON JAN 21	8 850	1977
1978	9.15 AT 03:05 EST ON APR 11	7.98 ON APR 11	0.082 ON AUG 13	8 880	1978
1979	13.1 AT 01:31 EST ON APR 14	9.12 ON APR 14	0.0598 ON FEB 17	10 900	1979
1980	20.0 AT 11:22 EST ON MAR 21	8.87 ON MAR 21	0.0818 ON MAR 12	9 350	1980
1981	8.92 AT 13:26 EST ON FEB 23	8.43 ON FEB 23	0.088 ON JUL 12	8 940	1981
1982	17.9 AT 18:06 EST ON MAR 31	13.3 ON MAR 31 *	0.0598 ON FEB 13	12 500	1982
1983	8.80 AT 18:55 EST ON MAY 2	4.01 ON MAY 2	0.075 ON SEP 15	9 150	1983
1984	---	4.62 ON DEC 29	0.0708 ON JAN 23	10 000	1984
				10 200	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

EAST CASTOR RIVER NEAR RUSSELL - STATION NO. 02LB021

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	0.027	0.013	6.21R	3.94R	0.619	0.329	0.092	0.075	0.577	0.507	1.39R	2.92 R	1.40R	1979
1980	1.05	0.049	5.91R	4.59R	0.888	0.178	0.081	0.048	0.182	0.885	1.20	1.89	1.41R	1980
1981	0.092	8.08	1.58	1.61	1.41	1.26	0.744	2.05	3.29 R	3.29	2.59	0.548	2.18R	1981
1982	0.480	0.113	2.59	11.8	0.503	0.290	0.121	0.101	0.088	0.237	1.11	4.26	1.81	1982
1983	1.22	1.54	3.80	5.77	2.83	0.285	0.083	0.018	0.012	0.074	2.26	2.83	1.72	1983
MEAN	0.570	1.96	4.02R	5.58R	1.26	0.484	0.218	0.459	0.828R	0.953	1.71R	2.49 R	1.70	MEAN

LOCATION - LAT 46 13 43 N DRAINAGE AREA, 145 km²
LONG 78 19 32 W NATURAL FLOW

R - REVISED SINCE JAN 1980

REMARKS - DISCONTINUED DEC 31 1983

EAST CASTOR RIVER NEAR RUSSELL - STATION NO. 02LB021

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1979	78.9R AT 01:01 EST ON MAR 25	64.5R ON MAR 25	0.010B ON FEB 19	44 200R	1979
1980	---	59.7RB ON MAR 22	0.021 ON AUG 22	44 400R	1980
1981	---	35.6B ON FEB 21	0.052B ON FEB 1	55 200R	1981
1982	84.6 AT 18:30 EST ON APR 2 *	78.0B ON APR 1 *	0.020 ON AUG 21	57 100	1982
1983	28.4 AT 14:07 EST ON MAR 19	21.9 ON MAR 19	0.001 ON SEP 10 *	54 400	1983
				53 700R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

EAST HUMBER RIVER AT KING CREEK - STATION NO. 02HC032

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	0.188	0.371	0.589	---	1965
1966	0.402	0.389	1.33	0.537	0.351	0.153	0.058	0.070	0.087	0.089	0.188	0.488	0.338	1966
1967	0.272	0.194	1.01	1.54	0.348	0.290	0.531	0.218	0.152	0.421	0.747	0.764	0.542	1967
1968	0.223	1.15	2.08	0.744	0.481	0.195	0.110	0.110	0.103	0.098	0.272	0.428	0.499	1968
1969	0.787	0.519	1.49	1.62	0.767	0.156	0.088	0.081	0.059	0.072	0.184	0.136	0.495	1969
1970	0.108	0.139	0.504	1.61	0.448	0.110	0.121	0.085	0.083	0.144	0.258	0.328	0.328	1970
1971	0.188	0.226	0.802	2.30	0.270	0.104	0.188	0.188	0.148	0.083	0.082	0.347	0.406	1971
1972	0.248	0.142	0.337	4.63	0.436	0.191	0.111	0.158	0.078	0.228	0.409	0.437	0.803	1972
1973	0.943	0.708	2.42	1.40	0.840	0.279	0.118	0.101	0.074	0.105	0.388	0.284	0.820	1973
1974	0.451	0.660	2.02	1.39	1.02	0.224	0.118	0.087	0.072	0.089	0.208	0.195	0.534	1974
1975	0.288	1.27	1.38	1.48	0.481	---	---	---	---	---	---	1.18	---	1975
1976	0.135	0.733	2.23	0.881	0.734	0.194	0.315	0.433	0.187	0.282	0.237	0.150	0.541	1976
1977	0.138	0.141	2.12	0.677	0.259	0.121	0.141	0.145	0.365	0.970	0.678	0.955	0.579	1977
1978	0.633	0.378	1.12	3.81	1.12	0.213	0.088	0.121	0.191	0.238	0.303	0.284	0.705	1978
1979	0.299	0.191	3.27	1.95	0.742	0.238	0.120	0.160	0.141	0.523	0.880	1.25	0.819	1979
1980	0.777	0.115	1.91	1.95	0.595	0.191	0.371	0.184	0.143	0.218	0.331	0.842	0.822	1980
1981	0.152	2.56	0.589	0.450	0.522	0.188	0.207	0.199	0.442	0.498	0.702	0.421	0.563	1981
1982	0.231	0.226	2.24	2.54	0.319	0.636	0.313	0.215	0.491	0.472	1.26	1.67	0.886	1982
1983	0.773	0.973	0.811	1.31	1.25	0.298	0.083	0.105	0.105	0.172	0.540	0.532	0.584	1983
1984	0.178	2.48	1.99	1.28	0.693	0.282	0.148	0.108	0.223	0.158	0.424	0.485	0.898	1984
MEAN	0.378	0.689	1.57	1.88	0.804	0.228	0.177	0.152	0.173	0.284	0.454	0.576	0.878	MEAN

LOCATION - LAT 43 54 10 N DRAINAGE AREA, 94.8 km²
LONG 79 38 46 W NATURAL FLOW

EAST HUMBER RIVER AT KING CREEK - STATION NO. 02HC032

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1965	---	---	---	---	1965
1966	4.39 AT 17:45 EST ON MAR 13	3.819 ON MAR 1	0.045 ON JUN 27	10 700	1966
1967	12.0 AT 08:00 EST ON APR 3	8.58 ON APR 3	0.062 ON JUN 8	17 100	1967
1968	11.6 B AT 19:00 EST ON MAR 18	7.988 ON MAR 19	0.068 ON JUL 29	15 800	1968
1969	18.4 AT 00:26 EST ON MAR 21	10.5 ON MAR 21	0.034 ON JUL 2	15 800	1969
1970	---	4.84E ON APR 9	0.054 ON AUG 27	10 300	1970
1971	8.67 AT 00:45 EST ON APR 10	5.55 ON APR 10	0.054 ON AUG 20	12 800	1971
1972	19.7 E AT 22:00 EST ON APR 13	18.1 E ON APR 13	0.057 ON JUL 31	18 000	1972
1973	9.94 AT 21:42 EST ON MAR 11	6.518 ON FEB 3	0.057 ON SEP 19	19 500	1973
1974	---	13.0 B ON MAR 5	0.026 ON JUL 18 *	18 900	1974
1975	20.9 AT 21:29 EST ON FEB 24	11.5 ON FEB 24	---	---	1975
1976	16.1 AT 21:32 EST ON MAR 20	12.1 ON MAR 21	0.102 ON JUN 13	17 100	1976
1977	12.3 AT 13:58 EST ON MAR 13	8.87 ON MAR 13	0.082 ON JUN 14	18 300	1977
1978	14.6 AT 21:06 EST ON APR 7	12.1 ON APR 7	0.071 ON AUG 13	22 200	1978
1979	13.6 AT 12:04 EST ON MAR 14	10.5 ON MAR 14	0.088 ON JUL 30	25 800	1979
1980	16.4 AT 17:16 EST ON MAR 21	13.1 ON MAR 21	0.077 ON JUL 14	19 700	1980
1981	13.5 AT 02:45 EST ON FEB 19	11.6 ON FEB 19	0.073 ON JUL 18	17 800	1981
1982	24.2 AT 20:58 EST ON MAR 31 *	19.2 ON MAR 31	0.098 ON AUG 19	27 900	1982
1983	9.50 AT 11:51 EST ON FEB 3	7.03 ON FEB 3	0.061 ON JUL 27	18 400	1983
1984	23.6 AT 12:45 EST ON FEB 14	19.7 ON FEB 14 *	0.072 ON JUL 25	22 000	1984
				18 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAST HUMBER RIVER NEAR KLEINBURG - STATION NO. 02HC010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	---	0.152	0.373	---	1953
1954	0.610	3.13	3.27	2.31	0.870	0.387	0.081	0.113	0.159	4.27	3.21	1.81	1.55	1954
1955	1.59	0.803	3.14	2.63	0.487	0.430	0.102	0.131	0.153	0.394	0.584	0.248	0.891	1955
1956	0.224	0.170	2.38	---	---	---	---	---	---	---	---	---	---	1956
MEAN	0.775	1.37	2.83	2.47	0.584	0.414	0.092	0.122	0.158	2.33	0.975	0.744	1.22	MEAN

LOCATION - LAT 43 52 10 N DRAINAGE AREA, 132 km²
LONG 79 38 05 W NATURAL FLOW

EAST HUMBER RIVER NEAR KLEINBURG - STATION NO. 02HC010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1953	---	---	---	---	1953
1954	---	38.4E ON OCT 19 *	0.057 ON JUL 18 *	48 900	1954
1955	---	13.1 ON APR 15	0.085 ON JUL 8	28 100	1955
1956	---	---	---	---	1956
				38 500	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAST NUMBER RIVER NEAR PINE GROVE - STATION NO. 02HC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	0.295	0.404	0.619	---	1953
1954	0.889	3.19	3.38	2.71	0.992	0.739	0.388	0.315	0.372	5.52	1.95	2.18	1.98	1954
1955	1.61	2.28	4.29	3.22	0.483	0.268	0.144	0.434	0.483	0.589	0.830	0.498	1.25	1955
1956	0.807	0.358	3.19	4.34	2.85	1.41	2.51	1.85	1.47	1.05	0.939	1.38	1.83	1956
1957	1.80	3.34	3.30	2.60	1.34	1.09	0.556	0.270	0.327	0.548	0.510	1.34	1.40	1957
1958	0.388	0.417	2.80	1.19	0.310	0.265	0.261	0.205	0.254	0.242	0.280	0.255	0.557	1958
1959	0.227	0.198	1.84	5.74	0.674	0.325	0.238	0.280	0.241	0.275	0.492	0.807	0.924	1959
1960	0.344	0.839	0.837	7.16	4.83	0.888	0.357	0.254	0.187	0.240	0.379	0.430	1.37	1960
1961	0.312	1.88	2.56	2.13	1.15	0.653	0.275	0.238	0.212	0.215	0.279	0.312	0.828	1961
1962	0.170	0.137	3.24	1.06	0.279	0.180	0.157	0.128	0.208	0.342	0.720	0.521	0.589	1962
1963	0.198	0.188	3.71	1.27	1.43	0.316	0.188	0.213	0.177	0.150	0.271	0.266	0.703	1963
1964	0.467	0.182	2.09	1.13	0.551	0.201	0.185	0.278	0.183	0.178	0.217	0.508	0.514	1964
1965	0.323	2.88	2.35	3.12	0.830	0.180	0.178	0.150	0.154	0.351	0.688	0.894	0.959	1965
1966	0.781	0.863	2.88	1.14	0.778	0.318	0.117	0.121	0.133	0.158	0.284	0.818	0.706	1966
1967	0.886	0.513	2.14	2.82	0.697	0.880	1.11	0.394	0.322	0.651	1.38	1.51	1.07	1967
1968	0.678	2.28	7.30	1.76	0.955	0.426	0.270	0.245	0.281	0.270	0.588	1.18	1.35	1968
1969	1.28	1.16	4.90	3.28	1.64	0.428	0.228	0.201	0.154	0.218	0.405	0.200	1.17	1969
1970	0.348	0.478	1.58	3.33	0.811	0.275	0.261	0.238	0.253	0.343	0.521	0.608	0.780	1970
1971	0.445	0.482	2.07	4.82	0.533	0.257	0.324	0.348	0.287	0.225	0.324	0.658	0.896	1971
1972	0.500	0.344	0.932	8.52	0.787	0.422	0.274	0.312	0.198	0.453	0.837	0.773	1.27	1972
1973	2.38	1.80	5.28	2.87	1.26	0.556	0.272	0.234	0.190	0.288	0.643	0.560	1.32	1973
1974	1.80	1.34	4.84	2.87	2.22	0.488	0.253	0.148	0.158	0.229	0.467	0.392	1.23	1974
1975	0.877	2.50	2.47	2.85	0.936	0.262	0.182	0.128	0.191	0.212	0.257	0.263	0.904	1975
1976	0.288	1.94	4.88	1.72	1.43	0.400	0.710	0.812	0.395	0.539	0.441	0.270	1.15	1976
1977	0.228	0.327	5.03	1.32	0.450	0.281	0.314	0.300	0.785	1.84	1.63	1.85	1.20	1977
1978	1.15	0.852	2.44	8.45	2.40	0.468	0.247	0.329	0.407	0.456	0.554	0.572	1.50	1978
1979	0.718	0.459	7.23	3.34	1.46	0.525	0.276	0.334	0.288	0.824	1.49	2.80	1.64	1979
1980	1.31	0.348	4.41	4.34	1.48	0.518	0.737	0.418	0.329	0.484	0.807	1.08	1.34	1980
1981	0.289	5.82	1.18	0.984	1.10	0.437	0.456	0.417	0.906	1.18	1.51	1.03	1.23	1981
1982	0.718	0.309	5.85	4.90	0.777	1.74	0.585	0.424	0.826	0.797	2.55	3.86	1.94	1982
1983	1.81	2.12	2.10	2.87	2.78	0.644	0.242	0.299	0.279	0.429	0.899	0.935	1.26	1983
1984	0.347	5.27	4.28	2.54	1.33	0.838	0.373	0.295	0.560	0.438	0.877	0.883	1.47	1984
MEAN	0.743	1.42	3.38	3.26	1.27	0.525	0.408	0.342	0.360	0.657	0.757	0.932	1.17	MEAN

LOCATION - LAT 43 47 22 N DRAINAGE AREA, 197 km²
LONG 79 35 06 W NATURAL FLOW

EAST NUMBER RIVER NEAR PINE GROVE - STATION NO. 02HC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1953	---	---	---	---	1953
1954	---	83.3 E ON OCT 16 *	0.057 ON JUL 28	61 800	1954
1955	---	17.0 ON APR 15	0.028 ON JUN 30	39 400	1955
1956	---	24.6 ON MAY 12	0.2838 ON JAN 9	57 800	1956
1957	---	13.6 E ON FEB 27	0.227 ON AUG 5	44 300	1957
1958	---	4.98 ON MAR 25	0.170 ON AUG 15	17 800	1958
1959	35.7R AT 17:00 EST ON APR 1	31.1 ON APR 2	0.193 ON OCT 20	29 200	1959
1960	---	25.3 ON APR 4	0.184 ON SEP 7	43 400	1960
1961	---	7.288 ON FEB 24	0.0578 ON JAN 23	28 100	1961
1962	---	8.138 ON MAR 23	0.045 ON AUG 30	18 900	1962
1963	28.1 AT 00:30 EST ON MAR 26	18.2 ON MAR 26	0.051 ON AUG 7	22 200	1963
1964	---	5.668 ON MAR 15	0.008 ON AUG 7 *	16 300	1964
1965	---	34.0 E ON FEB 10	0.119 ON AUG 20	30 200	1965
1966	---	8.508 ON FEB 11	0.071 ON SEP 21	22 300	1966
1967	23.2 AT 08:30 EST ON APR 3	17.0 ON APR 3	0.133 ON OCT 6	33 900	1967
1968	26.4 AT 18:50 EST ON MAR 18	17.5 E ON FEB 2	0.1228 ON FEB 26	42 800	1968
1969	26.6 AT 10:31 EST ON MAR 21	21.5 ON MAR 18	0.120 ON SEP 4	37 000	1969
1970	11.3 AT 05:18 EST ON APR 9	10.1 ON APR 9	0.142 ON AUG 10	23 700	1970
1971	20.7 AT 09:06 EST ON APR 2	18.7 ON APR 2	0.110 ON AUG 9	28 300	1971
1972	48.0 AT 20:19 EST ON APR 13	36.5 ON APR 13	0.110 ON AUG 3	40 100	1972
1973	27.3 AT 23:01 EST ON MAR 11	14.9 ON MAR 12	0.127 ON SEP 12	41 700	1973
1974	80.6 AT 03:50 EST ON MAR 5 *	46.2 ON MAR 5	0.119 ON JUL 24	38 700	1974
1975	58.1R AT 23:48 EST ON FEB 24	30.6 ON FEB 25	0.082 ON AUG 19	28 500	1975
1976	40.6 AT 06:42 EST ON MAR 21	31.4 ON MAR 21	0.1848 ON JAN 23	38 400	1976
1977	23.2 AT 10:35 EST ON MAR 13	19.0 ON MAR 13	0.088 ON JUL 30	38 000	1977
1978	30.3 AT 22:23 EST ON APR 7	27.1 ON APR 7	0.170 ON JUL 29	47 300	1978
1979	31.7 AT 03:55 EST ON MAR 5	25.5 ON MAR 5	0.139 ON AUG 15	51 800	1979
1980	45.7 AT 17:37 EST ON MAR 21	30.1 ON MAR 21	0.176 ON JUL 14	42 300	1980
1981	31.1 AT 22:11 EST ON FEB 18	26.3 ON FEB 19	0.198 ON JUL 16	38 700	1981
1982	61.0 AT 03:56 EST ON APR 1	30.0 ON APR 1	0.238 ON JUL 16	80 900	1982
1983	18.1 AT 08:43 EST ON FEB 3	14.4 ON FEB 3	0.184 ON SEP 9	39 800	1983
1984	80.3 AT 18:58 EST ON FEB 14	46.0 E ON FEB 14	0.185 ON AUG 1	48 500	1984
				37 000	MEAN

E - ESTIMATED R - REVISED SINCE JAN 1980

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAST OAKVILLE CREEK NEAR OMAGH - STATION NO. 02HB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	3.18	5.21	2.51	3.32	---	0.828	0.380	0.145	0.372	0.555	0.744	1.73	---	1957
1958	0.270	0.746	3.85	0.676	0.150	0.102	0.073	0.021	0.092	0.130	0.195	0.058	0.531	1958
1959	0.061	0.326	3.59	5.87	0.518	0.086	0.089	0.048	0.017	0.130	0.279	1.06	1.09	1959
1960	1.06	1.22	3.71	5.77	5.54	0.788	0.193	0.051	0.041	0.056	0.223	0.075	1.81	1960
1961	0.038	3.02	3.26	3.63	1.20	0.696	0.338	0.381	0.128	0.077	0.181	0.278	1.08	1961
1962	0.141	0.325	5.12	1.20	0.230	0.228	0.070	0.047	0.076	0.573	2.57	1.21	0.888	1962
1963	0.247	0.078	8.02	1.04	1.06	0.204	0.070	0.117	0.045	0.028	0.087	0.108	0.788	1963
1964	0.755	0.182	3.48	2.38	0.890	0.078	0.123	0.303	0.057	0.078	0.137	0.493	0.749	1964
1965	1.05	4.44	3.88	5.84	0.559	0.087	0.105	0.084	0.050	0.348	0.914	2.24	1.85	1965
1966	0.784	2.91	5.80	1.20	0.708	0.304	0.010	0.019	0.019	0.047	0.315	2.12	1.18	1966
1967	1.38	1.41	8.38	4.84	0.818	0.987	0.980	0.161	0.143	0.557	0.828	2.90	1.98	1967
1968	0.282	4.74	7.10	1.07	0.791	0.400	0.380	0.475	0.685	0.311	2.29	0.783	1.59	1968
1969	5.85	0.855	7.00	4.88	2.49	0.287	0.734	1.81	0.111	0.197	0.819	0.278	2.10	1969
1970	0.313	1.08	4.39	4.87	1.06	0.233	0.180	0.121	0.247	0.404	1.03	2.28	1.33	1970
1971	0.638	0.844	5.94	4.88	0.411	0.313	0.254	0.248	0.184	0.183	0.147	0.532	1.21	1971
1972	1.32	0.342	4.19	8.99	0.650	0.458	0.547	0.298	0.228	1.10	2.58	2.53	1.93	1972
1973	2.86	2.48	10.8	2.47	0.842	0.299	0.210	0.198	0.158	0.422	3.07	2.21	2.17	1973
1974	6.11	2.46	5.28	4.09	5.93	0.606	0.291	0.203	0.212	0.189	0.293	0.318	2.17	1974
1975	0.707	3.43	3.71	3.11	1.50	0.372	0.173	0.228	0.314	0.288	0.385	1.07	1.28	1975
1976	0.588	8.88	8.80	3.86	2.75	0.409	0.460	0.285	0.450	0.387	0.400	0.254	2.32	1976
1977	0.161	0.373	8.27	3.21	0.377	0.258	0.218	0.281	2.22	2.82	2.27	5.80	2.21	1977
1978	0.878	0.371	7.48	7.20	1.78	0.318	0.218	0.228	0.413	0.308	0.367	0.499	1.88	1978
1979	1.11	0.638	8.87	5.65	1.78	0.685	0.231	0.271	0.286	0.335	0.878	4.87	2.09	1979
1980	1.22	0.242	3.59	5.12	0.938	0.323	0.233	0.188	0.238	0.380	0.379	0.893	1.13	1980
1981	0.118	5.79	0.832	0.820	0.371	0.233	0.244	0.444	1.88	2.83	2.14	0.728	1.32	1981
1982	0.462	0.238	8.43	4.50	0.481	1.74	0.388	0.353	0.988	0.588	2.50	5.51	2.28	1982
1983	1.49	2.78	3.28	4.08	2.78	0.455	0.211	0.300	0.256	0.310	0.725	2.12	1.55	1983
1984	0.291	5.88	5.27	3.26	1.27	0.597	0.334	0.191	0.273	0.179	0.384	0.925	1.55	1984
MEAN	1.18	2.25	5.47	4.01	1.40	0.437	0.274	0.266	0.385	0.492	0.881	1.58	1.54	MEAN

LOCATION - LAT 43 28 55 N DRAINAGE AREA, 189 km²
LONG 79 46 40 W NATURAL FLOW

EAST OAKVILLE CREEK NEAR OMAGH - STATION NO. 02HB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1957	---	37.9 ON JAN 22	0 ON JUL 28 *	---	1957
1958	---	16.78 ON MAR 2	0 ON JUL 2	16 700	1958
1959	---	42.5 ON APR 1	0 ON JUN 21	34 300	1959
1960	---	50.78 ON MAR 31	0.011 ON JUL 16	57 100	1960
1961	---	19.5 ON APR 16	0 B ON JAN 29	34 200	1961
1962	---	45.3 ON NOV 10	0.008 ON JUL 19	31 100	1962
1963	---	30.0 ON MAR 25	0.0118 ON FEB 21	24 200	1963
1964	---	14.28 ON MAR 15	0.008 ON AUG 2	23 700	1964
1965	44.7 AT 08:00 EST ON APR 12	42.58 ON FEB 10	0.011 ON JUL 30	52 100	1965
1966	45.3 AT 12:00 EST ON MAR 5	32.0 ON MAR 5	0 ON JUL 21	37 200	1966
1967	71.4 AT 05:00 EST ON APR 3	38.8 ON APR 3	0.054 ON SEP 16	82 000	1967
1968	94.9 AT 19:10 EST ON FEB 2	89.1 ON FEB 2	0.075 ON NOV 26	50 400	1968
1969	104 AT 23:32 EST ON AUG 16	38.2 ON AUG 17	0.008 ON JUL 20	86 300	1969
1970	35.7 AT 20:23 EST ON APR 3	25.4 ON APR 3	0.028 ON AUG 12	42 000	1970
1971	53.2 AT 08:00 EST ON APR 2	39.1 ON APR 2	0.075 ON NOV 6	38 200	1971
1972	48.7 AT 17:16 EST ON APR 13	33.7 ON APR 13	0.136 ON JUL 13	81 100	1972
1973	88.0 AT 18:30 EST ON MAR 14	34.5 ON MAR 14	0.088 ON SEP 13	88 500	1973
1974	162 AT 01:17 EST ON MAY 17 *	82.7 ON MAY 17 *	0.116 ON OCT 28	88 500	1974
1975	58.2 AT 02:40 EST ON FEB 25	32.3 ON APR 19	0.098 ON AUG 1	39 700	1975
1976	71.8 AT 01:08 EST ON MAR 20	55.2 ON MAR 20	0.187 ON SEP 8	73 300	1976
1977	58.9 AT 00:15 EST ON MAR 10	39.1 ON MAR 13	0.102 ON JUL 24	89 800	1977
1978	58.6 AT 22:03 EST ON APR 1	42.58 ON MAR 21	0.133 ON JUL 19	82 800	1978
1979	82.3 AT 13:45 EST ON DEC 25	56.4 ON DEC 25	0.180 ON JUL 25	85 800	1979
1980	75.1 AT 02:50 EST ON APR 15	36.08 ON MAR 21	0.078 ON JUL 14	35 700	1980
1981	---	31.08 ON FEB 18	0.045 ON JUL 18	41 700	1981
1982	58.7 AT 21:08 EST ON DEC 25	44.5 ON MAR 31	0.133 ON JUL 27	71 800	1982
1983	35.3 AT 12:45 EST ON FEB 3	25.6 ON FEB 3	0.119 ON JUL 27	49 000	1983
1984	33.2 AT 16:25 EST ON APR 5	33.08 ON FEB 14	0.131 ON JUL 31	49 000	1984
				48 800	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

EAST RIVER NEAR HUNTSVILLE - STATION NO. 02EB013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	7.80	6.65	4.98	8.18	7.59	10.6	---	1973
1974	6.87	7.98	8.22	41.3	23.8	6.29	4.30	5.25	4.07	11.5	17.7	8.93	12.0	1974
1975	5.98	4.28	5.72	28.5	18.7	4.22	3.28	4.19	5.27	4.63	5.87	13.2	8.59	1975
1976	4.36	4.55	24.8	37.6	12.9	4.31	4.78	3.93	3.48	2.33	2.53	4.00	9.13	1976
1977	2.00	1.82	14.4	30.4	5.85	1.65	1.92	3.53	8.02	9.46	13.7	8.15	5.26	1977
1978	5.35	3.43	3.07	26.6	23.4	5.12	2.74	5.17	7.75	9.01	8.31	7.24	9.05	1978
1979	5.23	3.99	23.1	38.7	18.4	6.68	3.42	4.18	6.58	11.8	20.0	14.1	13.1	1979
1980	8.64	4.63	14.2	49.0	8.89	11.1	7.08	8.05	7.98	18.0	18.3	8.01	13.1	1980
1981	4.17	17.1	12.8	35.9	11.0	5.07	4.01	7.80	45.5	18.9	7.24	6.89R	14.6 R	1981
1982	6.36	3.77	5.02	42.6	13.2	7.11	4.18	4.83	7.78	8.13	18.3	26.5	12.2	1982
1983	16.2	7.87	18.0	30.3	30.9	8.81	2.82	2.05	5.65	7.88	10.5	8.20	11.5	1983
1984	3.90	16.7	11.0	38.1	22.5	13.0	6.87	5.98	7.29	7.22	14.5	14.0	13.3	1984
MEAN	6.26	6.92	12.5	36.2	17.5	6.87	4.38	4.87	8.38	8.44	13.0	10.5 R	11.3	MEAN

LOCATION - LAT 45 23 33 N DRAINAGE AREA, 593 km²
LONG 78 09 33 W NATURAL FLOW

R - REVISED SINCE JAN 1986

EAST RIVER NEAR HUNTSVILLE - STATION NO. 02EB013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	98.3 AT 00:42 EST ON APR 18	88.4 ON APR 18	2.14 ON SEP 10	378 000	1974
1975	78.7 AT 10:38 EST ON APR 28	75.9 ON APR 28	1.08 ON JUL 10 *	271 000	1975
1976	103 AT 23:41 EST ON APR 1	98.6 ON APR 1	1.59 ON OCT 30	289 000	1976
1977	84.6 AT 22:00 EST ON MAR 31	59.7 ON APR 1	1.28 ON JUL 29	280 000	1977
1978	89.7 AT 09:04 EST ON APR 29	88.2 ON APR 29	1.59 ON JUL 29	285 000	1978
1979	103 AT 08:07 EST ON MAR 28	99.7 ON MAR 28	2.49 ON JUL 24	413 000	1979
1980	150 AT 11:04 EST ON APR 10	147 ON APR 10 *	2.448 ON MAR 10	415 000	1980
1981	159 AT 00:02 EST ON SEP 3 *	143 ON SEP 3	2.77 ON AUG 3	481 000R	1981
1982	143 AT 14:53 EST ON APR 18	132 ON APR 18	2.19 ON AUG 12	386 000	1982
1983	85.9 AT 02:39 EST ON MAY 9	78.8 ON MAY 9	1.52 ON AUG 3	384 000	1983
1984	84.7 AT 22:45 EST ON APR 18	81.1 ON APR 17	1.75 ON AUG 12	422 000	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980		359 000R	MEAN

EAST TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	0.002	0.002	0.002	0.002	0.003	0.003	---	1982
1983	0.002	0.002	0.004	0.007	0.007	0.003	0.002	0.002	0.002	0.002	0.003	0.002	0.003	1983
1984	0.002	0.002	0.002	0.007	0.004	0.002	0.003	0.002	0.002	0.002	0.002	0.002	0.003	1984
MEAN	0.002	0.002	0.003	0.007	0.006	0.003	0.002	0.002	0.002	0.002	0.003	0.002	0.003	MEAN

LOCATION - LAT 46 02 20 N DRAINAGE AREA, .25 km^2
LONG 77 22 31 W

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE

EAST TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	0.001 ON AUG 18 *	---	1982
1983	0.034 AT 18:00 EST ON MAY 7 *	0.028 ON MAY 7 *	0.002 ON JAN 1	89.5	1983
1984	0.027 AT 21:51 EST ON APR 5	0.019 ON APR 5	0.002E ON JAN 1	90.2	1984
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		94.9	MEAN

EELS CREEK BELOW APSLEY - STATION NO. 02HH001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	7.84	9.76	5.38	---	1967
1968	3.35	3.85	3.87	5.23	1.50	1.15	1.55	1.88	1.43	1.45	1.37	2.23	2.39	1968
1969	1.75	2.23	2.74	8.98	9.71	3.51	2.82	3.03	2.29	1.13	3.03	2.40	3.64	1969
1970	1.23	1.10	1.09	8.22	3.39	1.61	3.13	2.56	2.27	1.56	2.74	2.97	2.68	1970
1971	1.77	1.29	1.65	11.1	8.86	1.26	1.63	2.12	0.983	2.35	2.13	2.89	2.98	1971
1972	2.31	2.01	1.92	8.41	9.33	6.32	4.29	2.86	2.70	2.85	5.49	4.08	4.59	1972
1973	5.18	3.87	8.79	10.8	4.81	2.04	2.04	0.971	1.58	2.48	3.02	4.01	4.12	1973
1974	3.55	3.25	3.61	11.0	11.1	4.19	1.98	2.13	1.81	2.50	4.13	3.25	4.13	1974
1975	2.36	1.80	4.58	8.87	5.85	0.905	1.10	2.02	1.14	1.30	0.815	2.43	2.84	1975
1976	2.05	2.43	8.05	11.8	3.86	1.50	2.37	2.29	2.09	1.82	2.02	1.13	3.54	1976
1977	0.817	0.866	4.94	4.40	1.03	1.87	0.851	1.08	1.69	2.61	4.05	3.89	2.35	1977
1978	3.50	2.07	1.78	9.83	8.52	1.20	1.13	2.00	2.71	2.85	3.56	3.17	3.52	1978
1979	3.08	1.85	7.28	12.3	5.21	2.48	2.15	1.82	1.80	3.78	5.01	6.77	4.47	1979
1980	4.16	0.750	4.28	10.2	3.31	1.65	1.07	2.03	3.08	2.87	3.30	3.12	3.33	1980
1981	1.80	6.08	3.93	7.42	3.81	1.82	1.82	1.83	2.85	4.20	3.56	2.56	3.65	1981
1982	1.87	1.24	1.78	11.8	3.03	4.18	1.11	1.85	2.51	2.28	8.30	10.1	4.01	1982
1983	4.78	1.87	3.82	5.84	11.8	2.59	2.08	1.64	1.73	0.921	1.88	2.40	3.41	1983
1984	1.36	4.89	4.86	11.0	4.44	1.84	1.19	2.14	2.75	0.988	2.04	3.37	3.39	1984
MEAN	2.83	2.58	4.10	9.36	5.70	2.29	1.90	1.99	2.08	2.53	3.56	3.68	3.47	MEAN

LOCATION - LAT 44 38 30 N DRAINAGE AREA, 241 km^2
LONG 78 08 07 W REGULATED

EELS CREEK BELOW APSLEY - STATION NO. 02HN001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	14.2B ON MAR 31	0.637 ON JUN 16	75 600	1968
1969	24.0 AT 14:00 EST ON MAY 20	21.5 ON MAY 20	0.714 ON OCT 13	115 000	1969
1970	17.7 AT 02:00 EST ON APR 19	17.0 ON APR 19	0.630 ON OCT 10	83 600	1970
1971	24.0 AT 15:45 EST ON APR 20	23.2 ON APR 20	0.688 ON SEP 11	84 100	1971
1972	26.1 AT 18:10 EST ON JUN 29	24.6 ON JUN 29	1.31 ON OCT 20	145 000	1972
1973	28.3 AT 14:10 EST ON APR 3	27.7 ON APR 3	0.360 ON AUG 17	130 000	1973
1974	26.6 AT 04:15 EST ON MAY 15	26.5 ON MAY 15	0.513 ON JUL 13	130 000	1974
1975	26.6 AT 07:57 EST ON APR 21	25.2 ON APR 21	0.368 ON JUL 12	88 700	1975
1976	50.4 AT 02:03 EST ON APR 2 *	45.6 ON APR 2 *	0.888 ON JUN 15	112 000	1976
1977	---	12.6B ON MAR 17	0.248 ON AUG 31 *	73 800	1977
1978	19.0 AT 23:19 EST ON APR 21	18.4 ON APR 22	0.320 ON JUL 7	111 000	1978
1979	25.2 AT 08:05 EST ON APR 4	24.6 ON APR 4	0.653 ON SEP 12	141 000	1979
1980	---	18.5B ON MAR 23	0.480B ON MAR 15	105 000	1980
1981	41.1 AT 01:00 EST ON FEB 25	36.5B ON FEB 25	0.859 ON JUL 15	112 000	1981
1982	28.2 AT 02:07 EST ON APR 19	26.5 ON APR 19	0.622 ON JUL 27	128 000	1982
1983	22.1 AT 12:45 EST ON MAY 12	21.7 ON MAY 12	0.273 ON AUG 17	108 000	1983
1984	27.7 AT 09:27 EST ON APR 7	25.5 ON APR 7	0.688 ON OCT 31	107 000	1984
				108 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

EKWAN RIVER BELOW NORTH WASHAGAMI RIVER - STATION NO. 04EA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	---	27.8	---	1967
1968	15.3	8.86	5.53	11.0	238	124	71.4	118	55.5	239	211	52.8	86.3	1968
1969	18.4	12.8	9.31	10.0	417	219	158	55.8	185	216	84.4	34.5	117	1969
1970	20.8	14.1	9.73	7.08	374	210	74.8	71.7	260	306	140	48.0	129	1970
1971	21.7	12.8	8.87	11.7	475	108	108	234	84.3	283	177	89.4	134	1971
1972	31.5	14.0	5.89	5.02	264	131	97.2	58.3	157	240	77.8	34.7	93.4	1972
1973	18.5	11.1	8.78	11.4	487	201	278	27.3	54.1	95.4	37.8	15.3	105	1973
1974	11.2	9.37	7.88	8.28	204	419	88.1	38.8	151	76.4	24.0	13.7	87.5	1974
1975	10.0	8.38	7.40	11.7	275	188	125	365	118	118	91.2	38.7	111	1975
1976	15.1	7.80	5.19	30.1	492	173	42.6	15.1	9.32	8.84	7.25	5.55	88.2	1976
1977	4.34	3.53	2.90	112	142	48.3	10.5	36.5	104	55.7	26.3	13.2	48.7	1977
1978	9.07	6.91	5.46	4.59	293	197	129	191	178	112	101	35.0	108	1978
1980	14.6	9.34	5.93	125	488	132	70.8	53.7	89.8	181	83.8	25.3	108	1980
1981	13.5	8.59	7.67	7.39	474	142	39.8	46.0	38.9	58.8	37.2	14.8	74.7	1981
1982	9.10	6.87	5.76	7.07	388	209	93.8	123	184	143	83.4	21.8	103	1982
1983	11.4	8.05	6.56	6.52	289	90.5	53.2	38.8	41.0	80.2	81.0	27.0	81.5	1983
1984	14.1	9.08	6.23	178	181	108	78.1	40.5	29.1	38.2	22.8	18.7	80.0	1984
MEAN	14.9	9.48	6.80	34.1	341	167	97.2	93.7	107	141	75.4	29.0	93.7	MEAN

LOCATION - LAT 53 48 30 N DRAINAGE AREA, 10 400 km^2
LONG 84 55 20 W NATURAL FLOW

EKWAN RIVER BELOW NORTH WASHAGAMI RIVER - STATION NO. 04EA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	521 ON OCT 27	5.18B ON MAR 21	3 040 000	1968
1969	---	750E ON MAY 13	8.82B ON APR 18	3 700 000	1969
1970	827 AT 18:30 EST ON MAY 20	821 ON MAY 20	6.40B ON APR 23	4 080 000	1970
1971	980 AT 02:00 EST ON MAY 11	977 ON MAY 11	7.93B ON APR 10	4 220 000	1971
1972	386 AT 18:00 EST ON MAY 18	394 ON MAY 18	4.38B ON MAR 31	2 850 000	1972
1973	1 140 AT 00:00 EST ON MAY 21	1 140 ON MAY 21 *	8.84B ON MAR 11	3 300 000	1973
1974	680 AT 21:00 EST ON JUN 20	675 ON JUN 20	5.80B ON APR 22	2 780 000	1974
1975	803 AT 15:52 EST ON AUG 15	800 ON AUG 15	6.57B ON APR 21	3 510 000	1975
1976	1 180B AT 00:01 EST ON MAY 15 *	878B ON MAY 14	4.58B ON APR 4	2 180 000	1976
1977	---	328E ON APR 25	2.63B ON APR 1 *	1 470 000	1977
1978	803 AT 14:30 EST ON MAY 18	597 ON MAY 18	4.45B ON APR 17	3 340 000	1978
1980	---	830E ON MAY 4	4.80B ON APR 8	3 340 000	1980
1981	---	1 000E ON MAY 15	7.00B ON APR 11	2 380 000	1981
1982	---	740E ON MAY 11	5.65B ON MAR 17	3 240 000	1982
1983	---	520B ON MAY 14	8.18B ON APR 12	1 940 000	1983
1984	---	550B ON APR 24	5.54B ON APR 7	1 900 000	1984
				2 980 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

ENGLEHART RIVER NEAR CHARLTON - STATION NO. 02JC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	5.07	9.13	7.21	7.85	---	1921
1922	8.82	4.88	5.84	87.2	50.4	7.37	5.22	4.08	4.26	5.98	6.86	5.08	16.2	1922
1923	3.78	3.42	3.61	27.8	33.5	9.25	6.02	4.69	12.0	7.52	3.35	1.53	9.88	1923
1924	1.88	2.05	2.40	27.7	28.8	4.51	2.98	2.87	3.24	2.86	5.31	4.99	7.51	1924
1925	2.78	2.49	4.46	38.6	15.9	12.7	7.02	5.16	3.48	---	---	---	---	1925
MEAN	3.78	3.21	4.00	45.3	32.4	8.48	6.06	4.20	5.81	6.33	5.68	4.89	11.2	MEAN

LOCATION - LAT 47 48 35 N
LONG 79 59 55 W
DRAINAGE AREA, 958 km²
REGULATED

ENGLEHART RIVER NEAR CHARLTON - STATION NO. 02JC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	178 E ON APR 17 *	2.58 ON JUL 2	511 000	1922
1923	---	142 ON APR 28	0.113 ON DEC 23 *	312 000	1923
1924	---	104 ON APR 30	0.1708 ON JAN 1	238 000	1924
1925	---	61.4 ON APR 12	---	---	1925
				354 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ENGLEHART RIVER NEAR ENGLEHART - STATION NO. 02JC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	---	---	---	6.06	3.79	---	1914
1915	4.05	3.91	7.31	18.6	28.4	15.4	10.7	9.72	10.7	12.3	11.2	19.3	13.4	1915
1916	8.08	5.31	7.88	71.3	38.0	8.87	7.37	7.01	6.13	8.05	---	7.82	---	1916
1917	---	---	---	---	95.8	---	---	---	9.82	---	---	---	---	1917
1918	---	---	---	---	---	---	---	---	---	---	---	---	---	1918
1919	---	---	---	---	---	---	---	---	---	---	---	---	---	1919
1920	---	---	---	---	---	---	---	---	---	8.74	4.16	2.72	---	1920
1921	---	---	---	82.8	22.0	8.48	3.83	3.32	8.74	---	---	---	---	1921
MEAN	5.08	4.61	7.59	50.9	46.1	10.9	8.90	6.88	8.37	9.70	7.14	8.41	13.4	MEAN

LOCATION - LAT 47 47 40 N
LONG 79 53 20 W
DRAINAGE AREA, 1 110 km²
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

ENGLEHART RIVER NEAR ENGLEHART - STATION NO. 02JC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	45.0 ON MAY 8	3.40 ON JAN 10 *	422 000	1915
1916	---	208 ON APR 28 *	4.88 ON JAN 14	---	1916
1917	---	155 ON MAY 2	---	---	1917
1918	---	58.5 ON MAY 10	---	---	1918
1919	---	110 ON APR 24	---	---	1919
1920	---	---	---	---	1920
1921	---	85.7 ON APR 8	---	---	1921
				422 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ENGLISH RIVER AT CARIBOU FALLS - STATION NO. 05QE005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1927	---	---	---	---	---	576	1 060	991	771	572	453	362	---	1927
1928	294	286	253	239	249	319	583	885	540	468	---	---	---	1928
1929	---	---	---	---	---	249	233	197	190	187	---	---	---	1929
1930	---	---	---	---	---	233	198	158	134	---	---	---	---	1930
1932	---	---	---	---	---	381	318	195	127	121	---	---	---	1932
1933	---	---	---	---	413	403	381	246	153	140	---	---	---	1933
1934	---	---	---	---	---	734	901	784	591	414	---	---	---	1934
1935	---	---	---	---	---	427	404	421	532	---	---	---	---	1935
1936	---	---	---	---	---	487	297	179	188	208	---	---	---	1936
1937	---	---	---	---	---	577	551	520	388	283	---	---	---	1937
1938	---	---	---	---	---	---	503	359	288	---	---	---	---	1938
1939	---	---	---	---	---	207	288	255	208	198	---	---	---	1939
1940	---	---	---	---	---	188	183	150	124	---	---	---	---	1940
1941	---	---	---	---	---	275	227	207	240	---	---	---	---	1941
1942	---	---	---	---	---	247	212	207	288	351	---	---	---	1942
1943	---	---	---	---	---	661	853	574	418	593	---	---	---	1943
1944	---	---	---	---	---	394	526	361	318	338	---	---	---	1944
1945	---	---	---	---	---	395	418	385	278	---	---	---	---	1945
1946	---	---	---	---	---	574	583	386	318	---	---	---	---	1946
1947	---	---	---	---	---	581	713	526	318	---	---	---	---	1947
1948	---	---	---	---	---	376	295	278	281	---	---	---	---	1948
1949	---	---	---	---	---	350	281	241	237	---	---	---	---	1949
1950	---	---	---	---	---	---	1 010	900	550	---	---	---	---	1950
1951	---	---	---	---	---	502	410	361	285	293	---	---	---	1951
1952	---	---	---	---	---	318	410	515	400	---	---	---	---	1952
1953	---	---	---	---	---	562	535	452	342	292	---	---	---	1953
1954	---	---	---	---	---	1 090	1 170	617	432	418	---	---	---	1954
1955	---	---	---	---	---	560	570	443	341	335	---	---	---	1955
1958	---	---	---	---	---	---	---	282	218	325	382	413	---	1958
1959	445	550	462	381	482	793	905	729	514	600	609	583	587	1959
1960	543	504	468	526	538	421	363	314	330	326	357	471	430	1960
1961	472	412	388	332	408	300	238	185	177	211	250	273	302	1961
1962	261	233	189	233	398	330	321	415	629	507	404	458	386	1962
1963	504	512	500	524	501	576	486	443	432	386	480	478	485	1963
1964	478	486	417	418	565	398	454	346	583	936	789	598	546	1964
1965	503	482	505	610	688	564	479	420	433	518	534	484	517	1965
1966	574	505	517	558	782	706	525	432	484	435	478	475	538	1966
1967	440	443	371	403	404	324	252	386	292	308	392	453	370	1967
1968	426	440	421	379	383	481	636	430	531	707	758	602	515	1968
1969	557	549	531	578	524	493	548	809	665	732	821	581	580	1969
1970	538	528	542	534	782	678	498	386	462	599	826	758	593	1970
1971	533	574	585	693	778	645	499	388	324	428	853	638	588	1971
1972	586	605	645	618	648	444	358	378	329	365	459	459	491	1972
1973	485	487	489	315	289	226	197	295	489	595	592	584	418	1973
1974	570	549	553	559	1 070	1 100	920	676	661	548	518	537	697	1974
1975	509	534	544	575	682	470	389	273	342	347	411	462	458	1975
1976	481	427	455	481	358	284	200	183	160	205	270	233	311	1976
1977	240	289	384	149	55.4	15.8	121	129	285	432	382	371	237	1977
1978	437	428	440	507	513	496	472	508	508	487	455	494	478	1978
1979	492	489	412	482	574	472	277	229	328	437	473	515	428	1979
1980	545	550	548	575	603	233	154	182	207	280	338	388	374	1980
1981	378	403	322	177	143	85.3	188	134	223	320	293	238	238	1981
1982	242	288	328	266	402	355	423	418	418	490	482	505	388	1982
1983	443	397	408	347	241	298	320	229	188	280	371	439	330	1983
1984	383	352	278	243	205	351	343	250	247	308	455	541	330	1984
MEAN	482	453	440	436	482	454	458	386	380	403	481	478	448	MEAN

LOCATION - LAT 50 15 00 N
LONG 94 58 15 W

DRAINAGE AREA, 52 300 km²
REGULATED SINCE 1929

DATA CONTRIBUTED BY - ONTARIO HYDRO

ENGLISH RIVER AT CARIBOU FALLS - STATION NO. 05QE005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1927	---	---	---	---	1927
1928	---	745 ON AUG 3	239 E ON APR 1	---	1928
1929	---	---	---	---	1929
1930	---	---	---	---	1930
1932	---	---	---	---	1932
1933	---	---	---	---	1933
1934	---	---	---	---	1934
1935	---	---	---	---	1935
1936	---	---	---	---	1936
1937	---	---	---	---	1937
1938	---	---	---	---	1938
1939	---	---	---	---	1939
1940	---	---	---	---	1940
1941	---	---	---	---	1941
1942	---	---	---	---	1942
1943	---	---	---	---	1943
1944	---	---	---	---	1944
1945	---	---	---	---	1945
1946	---	---	---	---	1946
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1949	---	---	---	---	1949
1950	---	---	---	---	1950
1951	---	---	---	---	1951
1952	---	---	---	---	1952
1953	---	---	---	---	1953
1954	---	---	---	---	1954
1955	---	---	---	---	1955
1958	---	---	---	---	1958
1959	---	1 020 ON JUL 15	309 ON MAY 1	18 500 000	1959
1960	---	691 ON MAY 2	180 ON AUG 21	13 800 000	1960
1961	---	518 ON JAN 11	36.5 ON SEP 16	9 500 000	1961
1962	---	875 ON SEP 8	131 ON JUN 24	11 500 000	1962
1963	---	885 ON JUN 27	297 ON JUL 23	15 300 000	1963
1964	---	1 100 ON OCT 24	282 ON AUG 16	17 300 000	1964
1965	---	835 ON MAY 6	207 ON AUG 15	16 300 000	1965
1966	---	929 ON JUN 2	314 ON AUG 21	16 900 000	1966
1967	---	515 ON DEC 23	157 ON JUL 24	11 700 000	1967
1968	---	841 ON NOV 14	257 ON JUN 9	16 300 000	1968
1969	---	801 ON OCT 17	306 ON JUN 8	18 300 000	1969
1970	---	915 ON NOV 13	317 ON AUG 28	18 700 000	1970
1971	---	915 ON APR 27	218 ON SEP 18	17 900 000	1971
1972	---	731 ON MAY 1	157 ON JUL 30	15 500 000	1972
1973	---	884 ON OCT 10	156 ON JUN 12	13 200 000	1973
1974	---	1 250 ON JUN 15 *	481 ON NOV 9	22 000 000	1974
1975	---	787 ON MAY 5	147 ON AUG 24	14 500 000	1975
1976	---	521 ON APR 14	115 ON OCT 6	9 840 000	1976
1977	---	498 ON OCT 6	0 ON APR 25 *	7 480 000	1977
1978	---	823 ON MAY 24	314 ON JUL 11	15 100 000	1978
1979	---	688 ON MAY 14	98.8 ON JUL 31	13 500 000	1979
1980	---	686 ON APR 30	0 ON AUG 30	11 800 000	1980
1981	---	518 ON FEB 12	0 ON JUN 8	7 510 000	1981
1982	---	578 ON OCT 27	148 ON JAN 24	12 200 000	1982
1983	---	545 ON DEC 26	136 ON FEB 27	10 400 000	1983
1984	---	578 ON DEC 20	126 ON APR 29	10 400 000	1984
				14 000 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ENGLISH RIVER AT EAR FALLS - STATION NO. 05QE005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1907	148	121	108	90.6	108	254	280	288	337	323	323	288	223	1907
1908	269	237	188	174	203	253	257	241	230	219	208	197	223	1908
1909	189	156	134	116	156	209	208	208	173	149	150	157	166	1909
1910	158	155	154	311	371	323	218	188	133	113	102	90.6	181	1910
1911	82.1	76.5	75.0	76.5	102	153	220	267	264	264	263	214	172	1911
1912	185	167	127	118	249	331	314	328	343	378	345	286	264	1912
1913	239	221	189	184	223	211	200	191	185	141	114	102	178	1913
1914	87.2	80.7	79.3	88.4	113	250	244	238	187	182	166	150	156	1914
1915	136	124	107	106	163	206	229	206	174	188	212	223	173	1915
1916	207	185	156	151	262	467	521	447	326	255	206	187	281	1916
1917	184	139	121	112	116	117	125	172	196	185	172	157	148	1917
1918	140	125	114	116	184	208	230	228	207	175	166	215	176	1918
1919	205	181	157	144	157	188	205	196	201	210	168	182	183	1919
1920	140	124	112	110	169	251	261	227	180	182	134	118	166	1920
1921	108	100	96.0	86.5	181	292	270	246	236	253	236	206	194	1921
1922	172	150	127	118	157	189	206	185	182	127	119	113	153	1922
1923	109	104	96.8	93.2	150	200	214	236	251	231	196	166	172	1923
1924	148	118	104	110	153	176	163	146	127	119	106	102	131	1924
1925	97.4	92.3	88.6	103	169	327	405	364	280	250	225	197	219	1925
1926	162	127	108	111	160	216	294	280	254	300	331	306	221	1926
1927	251	205	175	164	331	521	597	528	358	292	245	204	327	1927
1928	171	142	120	110	132	171	258	292	297	288	265	245	208	1928
1929	187	155	143	93.7	77.0	76.5	98.0	143	151	123	99.3	93.8	118	1929
1930	87.8	84.9	83.5	39.0	20.2	84.0	38.8	74.3	87.2	150	164	152	78.2	1930
1931	152	149	80.2	32.3	32.3	33.2	32.1	130	140	180	178	181	107	1931
1932	178	189	214	191	240	209	77.8	80.9	80.7	123	171	167	158	1932
1933	168	189	161	98.0	38.5	224	133	46.9	78.4	87.8	188	136	125	1933
1934	128	125	116	131	122	306	442	407	266	208	199	193	221	1934
1935	188	189	123	71.8	126	113	173	260	336	303	309	311	210	1935
1936	242	188	170	182	136	46.5	33.3	81.5	160	82.9	162	173	138	1936
1937	121	84.0	113	112	83.9	232	280	220	124	180	222	227	168	1937
1938	227	225	228	228	230	177	109	59.4	177	187	226	227	181	1938
1939	227	110	83.5	82.8	85.5	86.2	85.8	85.6	84.0	139	151	155	105	1939
1940	178	135	81.1	86.4	86.0	85.6	85.6	70.0	127	171	171	142	111	1940
1941	112	101	101	103	100	94.2	91.8	98.1	101	520	852	446	211	1941
1942	357	277	81.9	86.1	82.7	80.4	77.4	86.8	125	180	180	175	146	1942
1943	179	184	183	123	158	520	444	132	438	232	255	255	259	1943
1944	255	257	214	118	83.6	358	133	97.7	216	188	234	238	197	1944
1945	228	228	215	115	111	156	234	77.8	116	204	255	257	183	1945
1946	255	230	188	144	218	254	174	188	123	198	252	260	208	1946
1947	294	289	328	154	117	277	250	87.2	126	195	253	254	218	1947
1948	249	180	136	131	117	113	105	177	168	201	256	252	174	1948
1949	254	218	183	168	141	126	119	126	128	186	212	212	172	1949
1950	212	213	201	170	337	480	553	282	156	159	193	267	270	1950
1951	284	262	256	208	181	223	210	188	171	181	215	228	217	1951
1952	226	226	209	181	169	187	289	254	175	213	256	253	218	1952
1953	211	206	198	184	167	143	125	116	117	176	225	257	177	1953
1954	227	238	288	280	314	790	316	197	197	198	228	228	290	1954
1955	212	198	198	194	185	167	165	170	176	185	195	203	188	1955
1956	204	207	201	166	155	230	168	156	181	197	206	189	189	1956
1957	188	200	202	173	84.2	89.8	149	182	202	207	252	268	182	1957
1958	257	257	290	421	318	243	136	134	172	218	236	321	250	1958
1959	382	422	279	165	113	423	384	348	286	383	397	388	330	1959
1960	395	338	321	225	172	171	198	227	232	258	313	387	288	1960
1961	345	263	228	168	89.4	136	141	141	161	181	196	198	168	1961
1962	188	176	114	113	49.6	21.8	86.4	188	340	305	272	384	180	1962
1963	386	425	389	236	122	86.8	127	219	273	350	397	397	261	1963
1964	384	350	297	204	102	188	238	228	584	540	506	388	331	1964
1965	343	343	384	321	182	127	197	284	338	362	338	389	289	1965
1966	400	388	383	300	178	178	218	322	348	388	378	334	313	1966
1967	340	268	218	142	83.6	82.5	83.6	131	208	317	341	361	212	1967
1968	380	327	251	170	101	222	278	228	423	478	504	398	311	1968
1969	396	396	374	283	199	200	280	364	401	400	393	389	338	1969
1970	384	398	383	305	138	182	212	218	343	388	485	461	328	1970
1971	418	396	388	329	296	268	242	218	226	317	405	424	330	1971
1972	446	483	446	388	211	214	216	218	215	284	338	388	318	1972
1973	388	386	278	88.4	86.4	88.3	87.3	138	288	324	400	401	234	1973
1974	408	413	431	404	212	488	648	388	332	314	396	396	380	1974
1975	418	418	420	341	163	112	113	189	221	224	312	347	289	1975
1976	382	318	220	208	182	113	113	113	113	170	229	209	195	1976
1977	201	183	128	1.82	0	0	0	1.04	180	213	221	280	114	1977
1978	307	328	318	233	113	148	318	383	387	382	386	389	308	1978
1979	371	311	200	181	120	113	113	112	228	352	388	387	238	1979
1980	388	408	420	342	117	85.2	85.1	84.5	143	188	225	278	232	1980
1981	287	248	133	78.7	37.3	3.19	3.48	86.7	156	189	156	86.7	122	1981
1982	188	189	186	83.7	37.0	83.3	122	218	286	312	349	351	198	1982
1983	303	288	231	136	101	100	100	100	183	288	332	320	208	1983
1984	281	218	161	88.3	86.7	108	150	158	213	277	374	403	203	1984
MEAN	241	226	188	163	148	188	202	186	218	240	280	266	212	MEAN

LOCATION - LAT 50 38 00 N
LONG 93 12 30 W

DRAINAGE AREA, 26 400 km²
REGULATED SINCE 1929

DATA CONTRIBUTED BY - ONTARIO HYDRO

ENGLISH RIVER AT EAR FALLS - STATION NO 05QE004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1907	---	337E ON SEP 1	90.5 E ON APR 1	7 030 000	1907
1908	---	269E ON JAN 1	174 E ON APR 1	7 050 000	1908
1909	---	209E ON JUN 1	118 E ON APR 1	5 220 000	1909
1910	---	371E ON MAY 1	90.8 E ON DEC 1	6 030 000	1910
1911	---	267E ON AUG 1	75.0 E ON MAR 1	5 420 000	1911
1912	---	379E ON OCT 1	118 E ON APR 1	8 270 000	1912
1913	---	239E ON JAN 1	102 E ON DEC 1	5 620 000	1913
1914	---	250E ON JUN 1	78.3 E ON MAR 1	4 910 000	1914
1915	---	229E ON JUL 1	108 E ON APR 1	5 470 000	1915
1916	---	521E ON JUL 1	151 E ON APR 1	8 880 000	1916
1917	---	198E ON SEP 1	112 E ON APR 1	4 680 000	1917
1918	---	230E ON JUL 1	114 E ON MAR 1	5 560 000	1918
1919	---	210E ON OCT 1	144 E ON APR 1	5 780 000	1919
1920	---	281E ON JUL 1	110 E ON APR 1	5 250 000	1920
1921	---	292E ON JUN 1	96.0 E ON MAR 1	8 130 000	1921
1922	---	206E ON JUL 1	113 E ON DEC 1	4 830 000	1922
1923	---	263 ON SEP 25	93.2 E ON APR 1	5 410 000	1923
1924	---	176E ON JUN 1	102 E ON DEC 1	4 140 000	1924
1925	---	416 ON JUL 18	88.6 E ON MAR 1	8 900 000	1925
1926	---	331E ON NOV 1	108 E ON MAR 1	8 980 000	1926
1927	---	609 ON JUL 13	164 E ON APR 1	10 300 000	1927
1928	---	297E ON SEP 1	110 E ON APR 1	8 570 000	1928
1929	---	187E ON JAN 1	67.1 ON JUN 10	3 730 000	1929
1930	---	228 ON JUL 4	8.50 ON MAY 23	2 470 000	1930
1931	---	188 ON NOV 23	30.0 ON MAY 20	3 380 000	1931
1932	---	281 ON MAY 31	25.5 ON JUL 24	5 010 000	1932
1933	---	253 ON JUL 1	26.1 ON AUG 6	3 980 000	1933
1934	---	482 ON JUL 22	34.0 ON MAY 10	6 980 000	1934
1935	---	345 ON SEP 12	29.2 ON APR 21	6 610 000	1935
1936	---	300 ON JAN 1	8.91 ON OCT 25	4 310 000	1936
1937	---	317 ON JUL 8	34.3 ON JAN 24	5 240 000	1937
1938	---	243 ON NOV 28	52.7 ON AUG 7	8 030 000	1938
1939	---	237 ON JAN 6	51.8 ON APR 18	3 300 000	1939
1940	---	193 ON JAN 8	55.2 ON APR 7	3 520 000	1940
1941	---	694 ON OCT 29	78.5 ON JUL 1	8 850 000	1941
1942	---	447 ON JAN 2	51.2 ON AUG 18	4 880 000	1942
1943	---	851 ON JUN 25	80.3 ON AUG 29	8 150 000	1943
1944	---	589 ON JUN 18	48.2 ON AUG 27	8 220 000	1944
1945	---	308 ON JUL 9	50.1 ON AUG 18	5 780 000	1945
1946	---	445 ON MAY 31	56.1 ON JUL 28	6 550 000	1946
1947	---	405 ON FEB 26	56.4 ON MAY 11	6 880 000	1947
1948	---	416 ON SEP 2	77.8 ON JUL 11	5 490 000	1948
1949	---	281 ON JAN 12	92.3 ON JUL 1	5 440 000	1949
1950	---	731 ON MAY 30	118 ON SEP 24	8 530 000	1950
1951	---	300 ON JAN 10	127 ON JUL 2	8 840 000	1951
1952	---	442 ON AUG 2	107 ON JUL 8	8 810 000	1952
1953	---	274 ON DEC 1	80.9 ON SEP 8	5 580 000	1953
1954	---	991 ON JUN 4 *	138 ON OCT 10	8 140 000	1954
1955	---	232 ON JAN 8	78.7 ON MAY 22	5 830 000	1955
1956	---	317 ON JUN 19	85.2 ON AUG 12	5 980 000	1956
1957	---	273 ON NOV 19	47.9 ON JUN 30	5 750 000	1957
1958	---	436 ON APR 22	85.8 ON JUL 27	7 880 000	1958
1959	---	920 ON JUN 17	38.8 ON MAY 31	10 400 000	1959
1960	---	411 ON JAN 20	106 ON JUL 1	8 480 000	1960
1961	---	371 ON JAN 1	51.8 ON MAY 21	5 810 000	1961
1962	---	386 ON DEC 14	12.0 ON JUN 8	8 890 000	1962
1963	---	436 ON JAN 30	45.0 ON MAY 27	8 880 000	1963
1964	---	726 ON SEP 18	50.4 ON MAY 20	10 800 000	1964
1965	---	482 ON DEC 16	20.8 ON JUN 12	9 420 000	1965
1966	---	439 ON JAN 1	48.7 ON MAY 22	9 880 000	1966
1967	---	374 ON NOV 28	24.1 ON JUL 22	8 890 000	1967
1968	---	589 ON NOV 13	36.0 ON MAY 20	9 850 000	1968
1969	---	436 ON NOV 5	135 ON JUL 13	10 800 000	1969
1970	---	518 ON NOV 12	63.4 ON JUN 1	10 300 000	1970
1971	---	479 ON DEC 22	157 ON APR 28	10 400 000	1971
1972	---	521 ON FEB 23	188 ON SEP 4	10 000 000	1972
1973	---	436 ON NOV 1	46.7 ON JUL 14	7 390 000	1973
1974	---	585 ON JUN 22	127 ON MAY 20	12 300 000	1974
1975	---	436 ON JAN 3	85.4 ON JUN 1	8 480 000	1975
1976	---	405 ON JAN 17	81.8 ON JUN 13	8 180 000	1976
1977	---	292 ON DEC 15	0 ON APR 3 *	3 580 000	1977
1978	---	408 ON AUG 5	83.5 ON MAY 26	9 760 000	1978
1979	---	387 ON NOV 25	100 ON MAY 20	7 520 000	1979
1980	---	434 ON MAR 6	68.8 ON JUN 4	7 330 000	1980
1981	---	293 ON JAN 17	1.00 ON JUN 4	3 850 000	1981
1982	---	395 ON NOV 20	38.0 ON MAY 15	8 230 000	1982
1983	---	388 ON NOV 17	84.2 ON JUL 1	8 450 000	1983
1984	---	418 ON NOV 19	37.4 ON APR 14	8 420 000	1984
				8 890 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ENGLISH RIVER AT MANITOU FALLS - STATION NO 05QE007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	284	229	226	254	271	208	---	1956
1957	240	259	281	238	178	264	273	255	245	255	272	281	254	1957
1958	320	294	302	523	405	291	237	170	235	314	305	395	318	1958
1959	458	484	354	241	270	649	597	512	400	525	486	469	456	1959
1960	470	404	397	330	272	313	259	273	297	270	358	428	339	1960
1961	392	338	290	217	182	225	180	185	174	208	235	234	236	1961
1962	232	184	141	159	170	131	180	337	450	387	349	430	262	1962
1963	434	480	405	333	273	270	250	317	324	386	438	418	380	1963
1964	422	379	320	278	259	269	309	280	686	681	621	455	413	1964
1965	398	401	456	405	300	292	300	355	388	435	388	443	380	1965
1966	461	429	419	376	388	384	341	388	408	408	432	403	397	1966
1967	389	325	260	216	197	199	200	256	233	329	370	410	282	1967
1968	396	376	289	248	223	445	417	335	511	586	597	476	408	1968
1969	483	480	475	401	318	331	390	459	508	572	487	487	448	1969
1970	454	470	482	413	283	280	330	278	411	518	695	599	432	1970
1971	529	484	480	484	439	433	380	280	276	389	481	446	421	1971
1972	484	527	518	467	392	322	277	292	288	321	397	404	389	1972
1973	423	416	336	183	132	141	123	223	408	450	486	520	318	1973
1974	531	540	522	535	582	812	746	527	534	449	503	478	563	1974
1975	490	503	501	478	336	288	214	264	298	289	370	374	384	1975
1976	438	400	315	322	244	185	167	143	158	222	299	204	257	1976
1977	268	257	184	26 5	25 7	47 1	35 0	68 3	288	348	299	335	182	1977
1978	381	387	386	295	324	302	404	467	453	422	449	474	386	1978
1979	458	371	290	322	289	287	175	187	338	458	478	487	344	1979
1980	491	513	522	485	235	155	135	143	213	284	302	337	317	1980
1981	352	311	198	119	88 0	49 1	48 8	120	218	271	240	141	177	1981
1982	256	285	221	181	208	228	214	300	347	400	425	424	287	1982
1983	360	340	302	187	156	182	202	150	211	336	388	376	286	1983
1984	349	279	198	129	134	245	241	205	264	320	454	487	278	1984
MEAN	406	389	351	306	259	284	273	274	337	382	409	402	341	MEAN

LOCATION - LAT 50 35 01 N
LONG 93 27 15 W

DRAINAGE AREA, 37 000 km²
REGULATED

DATA CONTRIBUTED BY -
ONTARIO HYDRO

ENGLISH RIVER AT MANITOU FALLS - STATION NO 05QE007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	413 ON SEP 19	86 6 ON SEP 29	8 020 000	1957
1958	---	597 ON APR 25	49 8 ON MAR 3	9 880 000	1958
1959	---	889 ON JUN 19 *	71 4 ON MAY 10	14 400 000	1959
1960	---	538 ON JAN 4	86 7 ON AUG 14	10 700 000	1960
1961	---	484 ON FEB 18	0 ON DEC 25 *	7 440 000	1961
1962	---	557 ON AUG 24	0 ON FEB 11	8 280 000	1962
1963	---	493 ON FEB 16	0 ON JUL 1	11 300 000	1963
1964	---	787 ON SEP 17	0 ON MAR 1	13 100 000	1964
1965	---	803 ON DEC 27	0 ON MAY 30	12 000 000	1965
1966	---	572 ON MAY 22	34 3 ON DEC 25	12 500 000	1966
1967	---	481 ON JAN 5	8 21 ON APR 23	8 880 000	1967
1968	---	682 ON OCT 24	50 1 ON AUG 4	12 900 000	1968
1969	---	840 ON OCT 11	9 80 ON MAY 25	14 100 000	1969
1970	---	782 ON NOV 4	0 ON MAY 18	13 800 000	1970
1971	---	609 ON APR 20	0 ON SEP 12	13 300 000	1971
1972	---	566 ON FEB 25	108 ON JUL 9	12 300 000	1972
1973	---	547 ON DEC 27	27 8 ON JUN 13	10 100 000	1973
1974	---	851 ON JUN 23	187 ON DEC 25	17 800 000	1974
1975	---	513 ON JAN 3	57 8 ON JUL 27	11 500 000	1975
1976	---	488 ON JAN 30	0 ON JUL 1	8 130 000	1976
1977	---	447 ON SEP 30	0 ON APR 18	5 730 000	1977
1978	---	547 ON AUG 10	43 0 ON JUL 7	12 500 000	1978
1979	---	541 ON JAN 6	28 7 ON AUG 28	10 900 000	1979
1980	---	540 ON JAN 31	0 ON JUN 18	10 000 000	1980
1981	---	409 ON OCT 24	0 ON JUN 11	5 580 000	1981
1982	---	498 ON NOV 27	40 1 ON APR 18	8 080 000	1982
1983	---	457 ON NOV 24	71 1 ON MAY 7	8 400 000	1983
1984	---	521 ON NOV 21	85 4 ON MAY 21	8 730 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		10 800 000	MEAN

ENGLISH RIVER AT PINE RIDGE - STATION NO. 05QB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1917	---	---	---	---	---	---	---	---	---	---	173	159	---	1917
1918	142	125	113	115	171	210	238	238	213	186	191	223	180	1918
1919	217	193	188	145	169	203	218	212	216	---	---	---	---	1919
MEAN	180	159	140	130	170	207	228	224	216	186	182	191	180	MEAN

LOCATION - LAT 50 38 00 N
LONG 93 10 00 W

NATURAL FLOW

DATA CONTRIBUTED BY -
ONTARIO HYDRO

ENGLISH RIVER AT PINE RIDGE - STATION NO. 0SQB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1917	---	---	---	---	1917
1918	---	245 ON JUL 13 *	104 ON APR 1 *	5 890 000	1918
1919	---	238 ON JUL 7	108 ON APR 4	---	1919
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 890 000	MEAN

ENGLISH RIVER AT UMPREVILLE - STATION NO. 0SQA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	---	50.0	46.1	42.1	---	1921
1922	36.2	35.5	33.1	40.4	108	74.8	42.7	34.2	24.9	21.5	21.3	23.4	41.2	1922
1923	23.9	21.6	20.3	20.3	79.6	59.8	65.5	75.7	52.4	36.2	28.7	23.1	42.5	1923
1924	20.1	17.8	16.0	18.4	46.6	52.8	36.9	29.4	31.2	41.0	40.3	30.9	31.8	1924
1925	22.1	18.5	18.6	40.6	83.3	104	95.8	57.6	38.5	51.3	47.3	39.4	54.4	1925
1926	28.7	23.1	20.7	22.6	81.7	72.5	96.2	63.2	84.0	108	80.2	59.9	60.4	1926
1927	43.2	32.6	28.6	50.2	236	219	211	101	60.7	44.0	44.2	34.6	91.7	1927
1928	26.3	20.0	19.0	21.1	75.6	82.0	84.1	73.6	75.1	95.0	78.1	52.8	59.5	1928
1929	35.0	26.3	22.1	30.6	67.1	70.1	73.9	43.0	22.3	16.6	16.6	17.4	35.9	1929
1930	15.4	12.3	12.4	14.6	30.6	23.5	33.3	23.6	16.4	12.2	13.6	20.2	19.8	1930
1931	19.7	17.1	15.0	15.7	24.2	53.5	51.4	34.7	23.9	21.1	24.4	29.6	27.6	1931
1932	26.7	23.2	21.7	26.9	212	107	71.1	55.3	36.5	27.9	44.5	46.7	56.6	1932
1933	34.3	27.4	23.3	30.6	104	78.8	38.7	19.7	12.5	14.9	22.4	27.3	36.3	1933
1934	28.4	24.2	21.6	23.7	189	178	123	65.5	36.9	31.7	49.4	46.0	65.7	1934
1935	36.5	30.3	27.3	31.8	145	108	104	53.1	61.5	66.5	66.5	53.3	59.0	1935
1936	39.9	30.6	26.5	26.5	97.1	84.5	47.0	20.2	14.6	11.3	11.2	13.2	36.1	1936
1937	14.0	15.3	14.9	19.6	129	134	61.8	59.9	49.0	43.4	39.6	32.8	53.0	1937
1938	26.1	21.2	19.0	48.6	132	99.5	52.7	37.3	22.9	14.9	14.4	14.8	43.0	1938
1939	15.0	14.5	14.0	15.1	43.0	57.0	43.9	28.6	19.8	18.8	19.4	17.5	25.7	1939
1940	15.0	13.6	10.8	12.5	33.0	47.3	25.5	17.4	7.78	3.15	3.21	6.70	16.6	1940
1941	8.84	8.78	8.81	24.0	61.6	88.9	82.4	51.2	125	372	159	83.2	91.1	1941
1942	48.0	36.1	29.9	33.6	61.8	82.6	45.8	49.3	61.9	66.4	45.9	35.2	47.2	1942
1943	28.6	26.6	23.4	24.6	97.1	186	168	66.3	67.6	94.0	65.3	51.0	77.0	1943
1944	37.5	30.5	27.1	28.3	84.6	111	70.1	78.3	66.7	66.1	58.1	41.0	57.4	1944
1945	32.9	27.7	26.4	66.5	87.4	84.1	56.6	38.1	38.5	59.6	45.6	39.5	48.7	1945
1946	31.6	28.7	26.3	62.0	138	61.4	44.3	30.6	20.9	50.6	83.1	60.5	56.9	1946
1947	43.5	34.5	26.5	26.3	74.0	128	77.7	36.5	30.4	47.9	40.6	37.3	50.7	1947
1948	32.6	27.0	22.9	31.7	146	89.3	54.6	39.3	38.2	29.0	28.4	28.6	47.3	1948
1949	29.6	26.7	24.0	36.4	97.3	61.1	63.4	36.0	24.4	26.1	47.4	46.3	44.3	1949
1950	40.3	34.6	30.4	30.4	198	266	184	84.9	60.7	62.3	61.6	51.6	91.7	1950
1951	40.3	33.4	31.7	37.4	184	138	89.7	83.1	46.4	73.6	73.4	63.3	72.3	1951
1952	48.6	38.6	32.6	47.0	125	78.6	141	100	67.3	29.3	26.3	26.9	61.6	1952
1953	33.6	33.3	31.6	26.6	61.8	137	140	72.9	132	118	70.4	60.6	72.6	1953
1954	49.3	42.6	37.9	46.6	195	267	118	82.6	36.4	36.6	42.6	41.6	79.6	1954
1955	33.0	28.3	27.1	47.0	95.4	70.2	40.0	22.0	14.0	24.0	38.6	38.9	39.9	1955
1956	33.3	29.1	26.6	36.3	136	206	83.6	43.2	31.6	31.4	31.4	33.2	60.6	1956
1957	29.3	24.6	23.2	36.4	146	90.2	80.7	41.6	23.6	31.0	40.4	45.6	51.6	1957
1958	37.4	29.6	27.6	47.1	84.6	66.6	76.6	66.9	46.4	71.9	62.3	60.7	56.0	1958
1959	44.6	33.7	26.3	31.0	65.2	136	84.0	72.6	63.9	43.6	47.9	36.0	59.0	1959
1960	33.2	26.0	22.7	27.2	76.6	119	66.3	30.9	26.1	24.6	31.9	31.3	42.4	1960
1961	26.6	21.6	21.1	36.1	111	96.1	63.3	43.3	39.6	47.9	39.2	33.3	47.6	1961
1962	26.6	22.4	19.6	20.6	72.4	136	63.6	70.1	96.1	67.4	36.2	36.2	56.9	1962
1963	33.6	26.4	20.7	30.2	66.6	122	113	112	62.6	37.4	26.9	32.4	56.6	1963
1964	26.6	26.7	26.2	36.6	197	146	171	113	146	127	90.4	63.0	96.4	1964
1965	46.6	36.6	33.0	33.0	106	133	92.6	66.6	36.6	102	116	76.7	72.6	1965
1966	66.6	46.2	39.1	49.6	164	232	113	46.3	26.3	17.1	22.6	26.4	70.0	1966
1967	27.6	26.0	21.6	43.7	111	107	70.9	66.3	36.2	26.4	31.6	30.6	49.9	1967
1968	27.0	23.2	21.2	46.6	114	236	209	106	107	106	126	83.6	101	1968
1969	66.6	47.3	40.6	63.6	136	170	146	121	63.7	66.1	66.7	60.3	66.7	1969
1970	43.9	37.6	31.3	31.0	151	160	106	66.6	66.6	93.2	134	93.1	66.6	1970
1971	66.1	46.2	37.3	60.3	126	146	66.6	60.2	66.3	146	266	146	100	1971
1972	66.0	63.6	41.6	37.9	102	101	72.0	46.9	36.6	60.2	41.6	60.7	66.6	1972
1973	36.6	33.0	21.6	31.7	71.6	66.6	60.1	46.9	46.6	66.6	63.6	66.7	46.6	1973
1974	47.6	41.3	36.0	36.7	141	276	170	67.9	67.3	62.0	66.7	66.7	66.9	1974
1975	46.7	36.6	32.6	32.6	96.6	76.3	62.6	37.7	16.9	16.9	29.6	31.0	62.0	1975
1976	26.6	26.1	26.6	61.2	111	66.6	61.2	33.6	13.6	9.72	10.6	12.7	36.0	1976
1977	12.3	13.0	16.2	36.6	76.6	66.3	66.6	43.6	46.6	66.2	63.6	63.6	46.3	1977
1976	40.6	26.6	23.3	26.7	63.6	146	106	71.6	66.6	47.2	36.3	26.2	66.6	1976
1979	26.3	23.6	26.0	36.6	146	66.7	66.1	36.7	36.3	26.6	46.6	46.0	46.6	1979
1980	36.6	26.6	26.2	32.1	66.6	37.6	23.6	20.6	36.1	66.6	66.3	36.1	37.6	1980
1981	26.0	26.6	23.6	36.3	66.2	66.2	66.0	23.7	12.3	6.66	12.6	16.0	30.7	1981
1982	17.6	16.6	16.0	16.6	76.7	61.6	76.6	76.3	62.6	66.6	67.6	66.6	66.6	1982
1983	66.0	66.2	66.0	66.6	66.6	77.6	62.7	66.6	66.6	66.7	66.2	66.6	66.6	1983
1984	66.0	66.3	66.6	66.6	66.6	166	66.6	66.1	66.3	66.6	66.6	66.6	66.6	1984
MEAN	33.6	27.6	24.6	34.3	104	114	66.0	56.6	46.6	53.3	51.3	42.6	56.2	MEAN

LOCATION - LAT 49 52 30 N DRAINAGE AREA, 6 230 km^2
LONG 91 27 30 W NATURAL FLOW

REMARKS - PRIOR TO 1961 DRAINAGE AREA PUBLISHED AS 6400 km^2

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	121 ON MAY 18	20.0 ON NOV 1	1 300 000	1922
1923	---	93.4 ON MAY 15	19.4 B ON MAR 31	1 340 000	1923
1924	---	57.8 ON MAY 21	15.3 B ON APR 1	1 010 000	1924
1925	---	121 ON JUN 24	19.0 ON FEB 1	1 710 000	1925
1926	---	115 ON OCT 11	20.1 ON MAR 19	1 900 000	1926
1927	---	260 ON MAY 17	27.3 B ON MAR 25	2 890 000	1927
1928	---	107 ON OCT 18	18.3 B ON MAR 7	1 680 000	1928
1929	---	80.7 ON JUN 28	14.7 ON OCT 30	1 130 000	1929
1930	---	36.8 ON MAY 21	11.0 ON OCT 5	824 000	1930
1931	---	65.1 ON JUN 28	14.1 ON APR 5	870 000	1931
1932	---	294 ON MAY 14	20.7 ON APR 2	1 850 000	1932
1933	---	118 ON MAY 15	10.3 ON SEP 12	1 150 000	1933
1934	---	245 ON MAY 21	21.1 ON MAR 18	2 100 000	1934
1935	---	173 ON MAY 17	24.9 ON APR 10	2 180 000	1935
1936	---	133 ON MAY 26	10.6 ON OCT 23	1 140 000	1936
1937	---	154 ON MAY 23	13.3 B ON JAN 15	1 670 000	1937
1938	---	142 ON MAY 13	12.7 ON OCT 26	1 380 000	1938
1939	---	63.4 ON JUN 10	13.5 ON APR 8	810 000	1939
1940	---	49.8 ON JUN 2	1.84 ON NOV 13 *	525 000	1940
1941	---	445 ON OCT 11 *	7.62 ON JAN 1	2 870 000	1941
1942	---	71.4 ON MAY 31	28.6 ON MAR 22	1 490 000	1942
1943	---	218 ON JUL 3	20.6 ON APR 3	2 430 000	1943
1944	---	113 ON JUN 22	25.6 ON APR 18	1 820 000	1944
1945	---	85.1 ON MAY 4	24.6 ON MAR 10	1 540 000	1945
1946	---	153 ON MAY 4	19.3 ON SEP 18	1 800 000	1946
1947	---	150 ON JUN 17	23.9 ON APR 11	1 800 000	1947
1948	---	172 ON MAY 16	21.5 ON MAR 21	1 500 000	1948
1949	---	104 ON MAY 21	22.2 ON SEP 11	1 400 000	1949
1950	---	377 ON MAY 29	28.6 ON APR 7	2 890 000	1950
1951	---	200 ON MAY 19	30.3 ON MAR 29	2 280 000	1951
1952	---	168 ON JUL 21	24.4 ON NOV 15	1 980 000	1952
1953	---	172 ON JUN 29	21.1 ON MAR 7	2 290 000	1953
1954	---	323 ON JUN 1	31.1 ON SEP 17	2 520 000	1954
1955	---	108 ON MAY 8	12.3 ON SEP 17	1 280 000	1955
1956	---	250 ON JUN 4	24.3 ON APR 2	1 920 000	1956
1957	---	168 ON MAY 10	21.7 B ON MAR 7	1 630 000	1957
1958	---	93.4 ON MAY 11	27.0 B ON MAR 12	1 770 000	1958
1959	---	150 ON JUN 13	24.4 B ON MAR 28	1 880 000	1959
1960	---	127 ON JUN 11	20.4 ON APR 9	1 370 000	1960
1961	---	121 ON MAY 15	20.4 B ON MAR 1	1 510 000	1961
1962	---	153 ON JUN 4	17.9 ON MAR 24	1 790 000	1962
1963	---	160 ON JUN 30	18.4 ON MAR 29	1 750 000	1963
1964	---	234 ON MAY 15	25.1 ON MAR 20	3 110 000	1964
1965	---	158 ON JUN 10	29.4 ON APR 6	2 280 000	1965
1966	---	283 ON JUN 1	18.1 ON OCT 21	2 210 000	1966
1967	---	127 ON MAY 28	20.8 ON MAR 24	1 570 000	1967
1968	---	303 ON JUN 22	19.9 ON MAR 11	3 180 000	1968
1969	---	189 ON JUN 11	35.1 ON APR 8	2 730 000	1969
1970	---	208 ON JUN 3	28.6 ON APR 5	2 700 000	1970
1971	---	288 ON NOV 7	23.5 ON SEP 2	3 180 000	1971
1972	---	120 ON MAY 31	34.0 ON SEP 21	1 880 000	1972
1973	---	77.3 ON MAY 22	20.8 ON MAR 12	1 640 000	1973
1974	---	249 ON JUN 8	30.9 ON APR 19	2 840 000	1974
1975	---	108 A ON MAY 22	18.1 ON OCT 13	1 330 000	1975
1976	138 AT 14:50 CST ON MAY 4	134 ON MAY 4	8.72 ON OCT 14	1 110 000	1976
1977	79.0 AT 14:44 CST ON MAY 7	78.2 ON MAY 7	11.9 ON JAN 10	1 430 000	1977
1978	---	182 ON JUN 14	21.9 ON MAR 29	1 850 000	1978
1979	164 AT 02:51 CST ON MAY 25 *	163 ON MAY 19	21.6 ON FEB 22	1 540 000	1979
1980	70.7 AT 18:30 CST ON MAY 18	70.1 ON MAY 18	19.4 ON AUG 11	1 130 000	1980
1981	---	73.4E ON MAY 14	8.67 ON SEP 30	957 000	1981
1982	112 AT 18:03 CST ON MAY 26	112 ON MAY 26	14.3 ON MAR 9	1 730 000	1982
1983	86.2 AT 21:55 CST ON JUL 13	83.9 ON JUL 7	15.6 ON SEP 30	1 290 000	1983
1984	116 AT 17:10 CST ON JUN 17	116 ON JUN 18	18.9 ON OCT 18	1 410 000	1984
				1 770 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ENGLISH RIVER NEAR SIOUX LOOKOUT - STATION NO. 05QA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	131	150	128	107	---	1921
1922	86.5	75.4	68.4	72.5	146	161	124	97.8	73.6	58.3	50.4	46.1	86.7	1922
1923	46.7	45.3	43.9	48.5	183	155	148	157	134	117	87.4	74.3	101	1923
1924	58.3	52.8	46.2	49.5	92.3	108	99.0	87.5	75.6	88.8	87.6	83.8	72.5	1924
1925	82.7	59.5	58.3	76.9	176	227	232	173	144	135	121	101	131	1925
1926	86.4	87.5	84.3	82.0	114	158	203	162	184	246	202	182	141	1926
1927	130	105	85.2	101	421	509	517	275	184	123	108	95.1	220	1927
1928	83.4	88.8	80.3	86.0	110	188	194	172	210	182	177	144	136	1928
1929	110	87.9	72.8	71.2	107	140	143	111	81.5	86.3	43.3	36.5	88.4	1929
1930	35.4	35.3R	32.1	28.2	51.8	73.8	85.8	75.5	85.8	38.5	32.2	33.4	48.3R	1930
1931	36.1	38.5	32.2	31.2	43.9	83.0	124	89.8	78.6	62.6	62.3	69.1	84.6	1931
1932	88.7	84.8	81.6	87.1	228	259	185	131	93.4	74.4	74.6	88.2	115	1932
1933	85.7	72.0	63.1	86.6	156	203	117	80.5	45.2	42.5	42.9	52.0	82.2	1933
1934	84.7	82.9	86.6	86.0	260	430	333	187	111	88.6	108	109	153	1934
1935	95.2	85.2	71.7	72.5	212	229	215	196	154	167	170	135	161	1935
1936	107	81.0	76.3	72.8	158	213	136	73.7	65.7	48.5	40.5	34.4	91.7	1936
1937	31.2	32.8	35.4	36.8	203	282	214	145	86.4	86.0	88.0	75.6	112	1937
1938	71.8	83.7	85.0	87.3	230	222	148	83.3	86.2	52.6	40.9	37.0	87.6	1938
1939	34.2	33.6	33.2	34.5	57.4	111	120	79.0R	56.4	53.3	57.1	49.3	80.0R	1939
1940	41.6	37.1	30.7	28.3	58.8	81.2	74.2	53.4	39.0	23.9	21.2	18.5	42.4	1940
1941	18.5	18.1	20.1	29.5	86.9	178	186	131	183	571	385	205	170	1941
1942	125	103	87.6	84.2	108	116	99.8	80.6	121	133	101	82.6	103	1942
1943	74.6	88.6	88.2	86.1	151	332	385	246	227	214	146	124	172	1943
1944	101	81.3	87.3	82.6	147	252	218	213	186	158	118	106	143	1944
1945	81.2	74.2	86.9	118	183	177	148	101	87.7	106	101	81.1	112	1945
1946	81.4	73.5	87.2	148	337	228	145	80.1	51.6	89.6	177	150	137	1946
1947	109	86.0	70.8	89.0	128	264	199	103	81.1	81.6	83.6	77.4	112	1947
1948	86.6	82.7	42.8	81.4	207	233	172	124	112	81.4	70.2	83.8	107	1948
1949	83.8	80.9	86.2	87.6	178	189	138	95.5	84.6	80.6	83.8	93.2	86.2	1949
1950	84.9	83.2	89.8	83.9	284	800	447	258	122	118	135	123	200	1950
1951	103	85.4	71.6	76.1	282	339	249	180	139	158	161	130	166	1951
1952	104	85.5	74.2	83.7	178	186	272	267	147	110	78.4	81.1	138	1952
1953	81.9	49.1	46.8	53.2	88.0	226	328	222	208	243	183	127	151	1953
1954	111	95.0	82.1	82.6	327	834	316	147	87.2	77.9	83.2	87.4	178	1954
1955	77.0	87.6	84.7	86.2	206	224	141	83.6	80.4	80.8	85.5	76.1	100	1955
1956	77.3	89.8	82.6	89.8	160	401	259	133	77.6	85.5	88.5	86.0	123	1956
1957	86.4	83.3	80.7	82.1	227	222	188	112	86.1	83.4	89.2	87.5	102	1957
1958	85.9	81.5	86.4	83.4	130	138	141	128	92.3	148	144	127	108	1958
1959	100	80.6	86.7	82.2	148	303	238	187	140	101	91.4	82.4	134	1959
1960	72.2	83.8	85.2	86.6	127	219	170	93.6	82.2	80.5	80.2	89.0	90.2	1960
1961	86.6	82.4	49.7	86.8	171	202	133	88.5	70.4	87.9	88.7	82.8	90.3	1961
1962	88.1	83.2	46.0	46.4	86.7	208	161	158	206	132	86.2	83.4	114	1962
1963	76.7	86.6	86.3	81.6	84.4	176	221	190	147	88.1	80.4	84.6	107	1963
1964	86.6	87.3	83.9	84.4	302	289	286	214	302	284	193	141	190	1964
1965	108	86.5	74.4	89.4	146	231	211	151	106	139	184	180	140	1965
1966	130	107	88.0	90.6	242	443	306	156	86.7	83.3	48.3	46.7	150	1966
1967	82.0	82.9	49.8	83.2	181	250	179	133	91.4	81.3	82.4	81.9	102	1967
1968	83.0	80.1	47.0	82.7	188	381	387	259	204	194	210	186	163	1968
1969	118	104	84.2	89.3	217	343	287	287	231	184	146	119	183	1969
1970	87.6	81.0	71.0	86.6	227	347	232	139	143	189	251	189	170	1970
1971	127	86.6	83.2	87.7	223	283	197	109	83.4	193	403	304	184	1971
1972	177	117	80.1	77.4	163	186	136	86.9	72.5	70.3	76.2	75.3	112	1972
1973	88.6	87.6	83.6	82.7	116	124	133	125	119	136	135	120	108	1973
1974	86.6	81.6	88.4	73.8	277	511	346	182	126	115	114	104	175	1974
1975	82.0	81.9	70.6	88.4	166	176	124	82.0	58.2	47.3	50.6	53.0	88.4	1975
1976	80.4	49.3	47.2	86.6	188	137	97.6	58.4	35.7	22.8	17.4	16.4	67.4	1976
1977	18.2	17.6	20.2	31.6	80.6	114	122	103	88.6	86.6	86.6	86.6	73.6	1977
1978	80.4	86.2	83.6	82.6	142	281	224	151	116	91.6	70.2	58.2	117	1978
1979	84.7	46.8	48.4	81.4	211	224	130	84.9	77.6	71.2	103	88.9	102	1979
1980	83.4	70.4	88.3	86.6	107	86.4	86.4	46.7	46.6	64.9	76.0	72.9	88.2	1980
1981	81.8	81.8	46.8	83.2	86.4	113	133	77.4	43.0	28.3	23.6	25.6	62.1	1981
MEAN	78.2	87.1R	68.8	85.3	171	240	199	136 R	112	113	108	92.0	120	MEAN

LOCATION - LAT 50 04 15 N DRAINAGE AREA, 13 800 km²
LONG 91 56 40 W NATURAL FLOW

R - REVISED SINCE JAN 1986

REMARKS - PRIOR TO 1981 DRAINAGE AREA PUBLISHED AS 13800 km²

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	185 ON MAY 30	45.8E ON DEC 18	2 800 000	1922
1923	---	172 ON MAY 20	37.1E ON APR 1	3 200 000	1923
1924	---	111 ON JUN 6	42.8B ON MAR 23	2 280 000	1924
1925	---	243 ON JUN 20	54.9 ON MAR 24	4 130 000	1925
1926	---	284 ON OCT 15	59.5 ON APR 9	4 480 000	1926
1927	---	583 ON MAY 29	78.4B ON MAR 24	6 850 000	1927
1928	---	224 ON SEP 8	54.9B ON APR 5	4 290 000	1928
1929	---	149 ON JUL 12	35.4 ON DEC 14	2 790 000	1929
1930	---	88.3 ON JUL 18	24.9 ON APR 17	1 520 000R	1930
1931	---	131 ON JUL 6	30.0 ON MAR 23	2 040 000	1931
1932	---	331 ON MAY 27	59.5 ON MAR 29	3 630 000	1932
1933	---	220 ON JUN 11	40.5 ON SEP 16	2 590 000	1933
1934	---	470 ON JUN 16	43.9 ON MAR 30	4 820 000	1934
1935	---	272 ON MAY 18	69.1 ON MAR 17	4 780 000	1935
1936	---	242 ON MAY 30	32.6 ON DEC 31	2 900 000	1936
1937	---	309 ON JUN 13	30.0 ON JAN 25	3 530 000	1937
1938	---	251 ON MAY 17	35.1 ON DEC 28	3 080 000	1938
1939	---	129 ON JUL 5	32.8 ON MAR 17	1 890 000R	1939
1940	---	85.5 ON JUL 5	18.4 ON DEC 7	1 240 000	1940
1941	---	614 ON OCT 15	18.4 ON JAN 1	5 350 000	1941
1942	---	158 ON JAN 1	59.5 ON APR 21	3 240 000	1942
1943	---	402 ON JUL 4	51.8 ON APR 14	5 440 000	1943
1944	---	269 ON JUN 17	59.2 ON APR 9	4 510 000	1944
1945	---	193 ON MAY 31	61.4 ON MAR 13	3 540 000	1945
1946	---	365 ON MAY 12	47.0 ON SEP 18	4 320 000	1946
1947	---	306 ON JUN 21	56.1 ON APR 19	3 630 000	1947
1948	---	260 ON MAY 27	41.1 ON MAR 22	3 380 000	1948
1949	---	215 ON MAY 28	51.8 ON APR 5	3 030 000	1949
1950	---	851 ON JUN 8	57.2 ON APR 17	6 320 000	1950
1951	---	394 ON JUN 1	85.1 ON MAR 17	5 240 000	1951
1952	---	334 ON JUL 29	54.4 ON DEC 30	4 350 000	1952
1953	---	357 ON JUL 7	44.5 ON MAR 18	4 770 000	1953
1954	---	711 ON JUN 7 *	86.0 ON MAR 28	5 610 000	1954
1955	---	242 ON JUN 9	47.9 ON SEP 27	3 170 000	1955
1956	---	438 ON JUN 14	55.2 ON NOV 28	3 910 000	1956
1957	---	249 ON MAY 14	49.3 ON APR 7	3 220 000	1957
1958	---	169 ON OCT 21	52.7 ON MAR 31	3 420 000	1958
1959	---	334 ON JUN 15	59.7 ON APR 10	4 220 000	1959
1960	231 AT 06:00 CST ON JUN 22	230 ON JUN 22	48.4 ON OCT 24	2 880 000	1960
1961	223 AT 12:35 CST ON JUN 12	219 ON JUN 9	47.8 ON APR 8	2 850 000	1961
1962	---	234 A ON SEP 1	45.3 ON MAR 28	3 800 000	1962
1963	---	252 ON JUL 8	52.4 ON MAR 29	3 380 000	1963
1964	---	385 ON MAY 22	51.0 ON APR 5	5 010 000	1964
1965	---	249 ON JUN 12	84.3 ON APR 5	4 420 000	1965
1966	---	484 ON JUN 7	45.8E ON NOV 19	4 730 000	1966
1967	272 AT 22:30 CST ON JUN 3	284 ON JUN 4	48.1 ON MAR 28	3 210 000	1967
1968	450 AT 17:30 CST ON JUL 3 *	442 ON JUN 28	49.2 ON MAR 14	5 790 000	1968
1969	377 AT 16:30 CST ON JUN 16	371 ON JUN 14	71.9 ON APR 11	5 770 000	1969
1970	382 AT 15:00 CST ON JUN 9	379 ON JUN 7	82.3 ON APR 14	5 380 000	1970
1971	---	430 ON NOV 18	76.5 ON APR 8	5 790 000	1971
1972	---	225 ON JAN 1	86.0 ON SEP 23	3 530 000	1972
1973	150 AT 13:09 CST ON OCT 27	147 ON OCT 28	52.1 ON MAR 7	3 300 000	1973
1974	---	544 ON JUN 14	82.8 ON APR 17	5 520 000	1974
1975	200 AT 09:30 CST ON MAY 26	200 ON MAY 25	44.7 ON OCT 21	2 820 000	1975
1976	201 AT 08:00 CST ON MAY 15	201 ON MAY 13	16.2 ON DEC 16	2 130 000	1976
1977	125 AT 06:32 CST ON JUL 20	125 ON JUL 17	16.0 ON JAN 12 *	2 320 000	1977
1978	309 AT 09:35 CST ON JUN 16	309 ON JUN 12	49.8 ON MAR 29	3 680 000	1978
1979	273 AT 23:13 CST ON MAY 27	272 ON MAY 27	46.4 ON MAR 7	3 200 000	1979
1980	117 AT 09:38 CST ON MAY 18	116 ON MAY 18	42.7 ON AUG 28	2 180 000	1980
1981	152 AT 16:26 CST ON JUL 8	150 ON JUL 8	22.8 ON NOV 24	1 980 000	1981
				3 800 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

ERAMOSA RIVER ABOVE GUELPH - STATION NO. 02GA029

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	4.48	1.52	1.15	0.545	0.539	0.615	1.57	2.38	1.57	---	1982
1983	1.08	0.934	4.58	2.74	2.34	0.887	0.816	0.620	0.519	0.800	0.628	0.511	1.35	1983
1984	1.22	0.781	2.78	3.82	2.08	1.19	1.26	1.44	0.622	0.825	0.720	1.89	1.51	1984
1985	2.12	4.58	2.85	10.5	2.59	0.851	0.853	0.750	0.820	2.04	2.54	2.62	2.81	1985
1986	2.35	2.82	5.23	3.41	2.19	1.48	0.817	0.622	0.421	0.504	1.38	2.54	1.94	1986
1987	2.07	2.15	3.16	8.57	2.56	3.28	2.54	1.08	0.836	1.93	2.25	3.31	2.64	1987
1988	1.70	4.30	7.15	3.73	2.26	1.32	1.02	2.85	2.15	1.89	2.78	2.75	2.80	1988
1989	2.64	2.99	5.48	8.40	3.66	1.56	0.872	0.769	0.407	0.859	1.75	0.993	2.53	1989
1970	0.823	0.955	1.36	5.48	2.48	0.962	1.14	0.853	1.21	1.48	2.20	3.06	1.92	1970
1971	1.64	1.95	2.81	7.95	1.99	2.00	1.48	1.62	1.06	0.808	1.08	2.47	2.23	1971
1972	1.85	1.46	2.14	12.0	3.29	2.32	1.71	0.789	0.786	1.92	2.18	2.59	2.73	1972
1973	3.04	2.91	10.7	5.21	3.85	1.92	0.840	0.644	0.497	0.973	2.45	1.78	2.81	1973
1974	2.56	2.56	7.56	8.47	6.44	2.32	1.08	0.764	0.637	0.780	1.72	1.17	2.84	1974
1975	1.48	2.08	4.84	7.36	2.81	1.67	0.708	0.681	1.18	1.06	1.54	1.93	2.30	1975
1976	1.37	3.75	11.1	6.63	4.74	1.98	1.61	1.46	1.75	1.83	1.47	1.24	3.24	1976
1977	0.848	0.858	7.80	4.78	1.62	1.06	0.878	1.27	2.23	3.41	3.48	4.18	2.69	1977
1978	2.68	1.85	3.06	11.3	4.32	1.53	0.720	0.898	1.71	1.43	1.86	1.74	2.72	1978
1979	1.94	1.43	7.92	6.63	4.19	1.81	1.28	1.49	1.66	1.36	2.52	3.64	3.16	1979
1980	2.12	1.10	5.34	5.94	3.08	1.95	1.67	0.950	1.03	1.44	1.28	1.88	2.32	1980
1981	0.843	5.44	2.74	2.89	1.66	1.20	1.66	1.61	2.16	2.98	2.80	1.75	2.31	1981
1982	1.24	1.11	3.24	10.9	2.63	3.56	1.61	1.16	1.56	1.48	3.38	5.60	3.13	1982
1983	3.04	3.54	3.85	4.98	5.35	2.15	0.898	1.21	1.22	1.24	1.61	1.98	2.57	1983
1984	1.11	4.89	4.49	8.08	3.05	1.95	0.905	0.843	1.23	0.998	1.93	2.41	2.46	1984
MEAN	1.79	2.47	5.02	6.66	3.08	1.73	1.17	1.08	1.14	1.42	1.95	2.37	2.51	MEAN

LOCATION - LAT 43 32 52 N DRAINAGE AREA, 236 km²
LONG 80 10 58 W REGULATED

ERAMOSA RIVER ABOVE GUELPH - STATION NO. 02GA029

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	19.7 ON MAR 31	---	---	1982
1983	---	24.4 A ON MAR 28	0.218 ON DEC 7	42 600	1983
1984	10.9 AT 08:00 EST ON MAR 12	8.75 ON APR 8	0.105A ON JUL 29 *	47 700	1984
1985	27.6 AT 16:00 EST ON FEB 11	26.6 ON APR 12	0.374B ON FEB 7	88 500	1985
1986	10.5 AT 17:30 EST ON DEC 8	9.85 ON MAR 20	0.232 ON OCT 7	61 300	1986
1987	38.6 AT 01:00 EST ON APR 4	29.4 ON APR 4	0.484 ON SEP 16	89 600	1987
1988	23.4 AT 10:00 EST ON AUG 24	21.0 ON AUG 24	0.648 ON JUL 31	88 700	1988
1989	18.9 AT 17:15 EST ON APR 19	17.4 ON APR 6	0.328 ON SEP 14	79 800	1989
1970	15.3 AT 19:01 EST ON APR 8	13.7 ON APR 10	0.433 ON AUG 8	80 400	1970
1971	16.9 AT 13:52 EST ON APR 14	16.5 ON APR 14	0.473 ON AUG 7	70 300	1971
1972	38.2 AT 10:10 EST ON APR 18	35.1 ON APR 18	0.524 ON SEP 16	86 400	1972
1973	30.0 AT 20:07 EST ON MAR 12	26.0 ON MAR 12	0.288 ON SEP 11	81 700	1973
1974	43.3 AT 04:17 EST ON MAY 18	34.8 ON MAY 18	0.493 ON AUG 17	89 800	1974
1975	47.6 AT 04:45 EST ON APR 20 *	38.9 ON APR 20	0.386 ON AUG 23	72 500	1975
1976	34.3 AT 19:37 EST ON MAR 21	29.4 ON MAR 22	0.685 ON AUG 27	103 000	1976
1977	45.3 AT 04:40 EST ON MAR 14	40.8 ON MAR 14 *	0.394 ON JUL 29	84 600	1977
1978	24.8 AT 16:46 EST ON APR 12	23.9 ON APR 12	0.447 ON AUG 13	85 700	1978
1979	38.3 AT 05:28 EST ON APR 15	33.1 ON APR 15	0.573 ON SEP 23	89 700	1979
1980	40.9 AT 05:00 EST ON MAR 22	37.5 ON MAR 22	0.583 ON AUG 29	73 300	1980
1981	19.9 AT 11:03 EST ON FEB 21	18.2 ON FEB 21	0.575 ON JUL 2	72 900	1981
1982	48.6 AT 01:43 EST ON APR 2	37.0 ON APR 1	0.736 ON AUG 19	88 600	1982
1983	12.4 AT 07:10 EST ON MAY 4	11.5 ON MAY 4	0.863 ON JUL 19	81 100	1983
1984	12.2 AT 08:45 EST ON APR 7	11.8 ON APR 7	0.493 ON AUG 28	77 800	1984
				79 400	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

ETOBICOKE CREEK AT BRAMPTON - STATION NO. 02HC017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	---	---	---	---	---	---	---	0.800	---	1957
1958	0.080	0.473	1.20	---	---	---	---	---	---	0.024	0.080	0.071	---	1958
1959	0.107	---	---	---	---	---	---	---	---	---	---	---	---	1959
1960	---	---	0.937	2.55	---	---	---	---	---	---	---	---	---	1960
1961	---	---	1.32	0.505	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	0.146	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	0.189	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	0.666	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	2.10	---	---	---	---	---	---	---	---	---	1965
1966	---	---	1.81	0.218	---	---	---	---	---	0.006	0.083	0.733	---	1966
1967	0.270	0.112	1.62	1.31	0.089	0.781	0.459	0.122	0.046	0.214	0.380	0.912	0.527	1967
1968	0.090	1.29	2.25	0.226	0.148	0.114	0.049	0.303	0.174	0.090	0.887	0.556	0.512	1968
1969	0.438	0.472	2.28	2.11	0.556	0.087	0.138	0.082	0.013	0.050	0.104	0.083	0.531	1969
1970	0.044	0.091	1.74	1.25	0.125	0.025	0.201	0.086	0.078	0.129	0.351	0.540	0.389	1970
1971	0.131	0.184	1.48	2.25	0.070	0.052	0.051	0.042	0.024	0.025	0.033	0.183	0.376	1971
1972	0.219	0.040	0.446	4.81	0.127	0.195	0.204	0.153	0.107	0.185	0.480	0.748	0.638	1972
1973	1.22	0.810	3.34	0.830	0.287	0.128	0.085	0.091	0.098	0.178	0.327	0.349	0.647	1973
1974	1.05	0.563	2.41	1.42	1.29	0.150	0.120	0.099	0.082	0.121	0.197	0.148	0.841	1974
1975	0.308	1.94	1.47	1.08	0.345	0.136	0.143	0.158	0.147	0.100	0.141	0.158	0.800	1975
1976	0.200	2.25	2.24	0.819	0.536	0.149	0.180	0.142	0.318	0.277	0.232	0.137	0.815	1976
1977	0.085	0.492	2.50	0.599	0.111	0.151	0.142	0.284	0.437	0.982	0.713	0.974	0.828	1977
1978	0.284	0.116	2.51	3.42	---	---	---	---	---	0.244	0.302	0.282	---	1978
1979	0.348	0.089	3.59	1.94	0.567	0.188	0.105	0.193	0.149	0.189	0.435	1.39	0.770	1979
1980	0.412	0.121	1.48	1.66	0.285	0.218	0.289	0.134	0.128	0.188	0.148	0.339	0.452	1980
1981	0.053	2.23	0.273	0.247	0.189	0.135	0.266	0.254	0.407	0.670	0.752	0.280	0.483	1981
1982	0.276	0.251	3.89	1.29	0.151	0.852	0.122	0.207	0.281	0.181	0.880	1.88	0.844	1982
1983	0.443	0.815	1.08	1.42	1.05	0.162	0.113	0.232	0.154	0.305	0.485	0.828	0.575	1983
1984	0.108	2.85	1.84	1.08	0.358	0.205	0.138	0.183	0.222	0.108	0.327	0.728	0.834	1984
MEAN	0.308	0.795	1.88	1.38	0.371	0.204	0.184	0.160	0.169	0.225	0.384	0.855	0.574	MEAN

LOCATION - LAT 43 41 28 N DRAINAGE AREA, 83.2 km²
LONG 79 45 35 W NATURAL FLOW

ETOBICOKE CREEK AT BRAMPTON - STATION NO. 02HC017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	---	12.5 ON DEC 22	0.006 ON SEP 13	16 600	1967
1968	---	14.4 ON FEB 2	0.0098 ON MAR 7	15 200	1968
1969	---	22.5 ON APR 18	0.002 ON JUL 19	16 700	1969
1970	---	8.94 ON APR 3	0 ON JUN 14 *	12 300	1970
1971	19.5 AT 13:38 EST ON APR 2	18.2 ON APR 2	0.013 ON AUG 8	11 800	1971
1972	37.1 AT 21:31 EST ON APR 11	26.2 ON APR 13	0.024 ON FEB 26	20 200	1972
1973	28.2 AT 21:30 EST ON MAR 11	10.3 ON MAR 12	0.045 ON JUL 23	20 400	1973
1974	52.7 AT 02:44 EST ON MAY 17 *	25.7 ON MAR 5	0.045 ON JUN 12	20 200	1974
1975	42.5E AT 22:20 EST ON FEB 24	27.9 E ON FEB 24 *	0.048 ON AUG 12	15 800	1975
1976	26.9 AT 16:40 EST ON MAR 20	23.4 ON MAR 20	0.015 ON JUL 23	18 600	1976
1977	23.0 AT 16:00 EST ON MAR 13	13.0 ON MAR 13	0.003 ON JUN 12	15 700	1977
1978	45.0 AT 20:00 EST ON APR 1	22.8 ON APR 1	---	---	1978
1979	31.1 AT 09:52 EST ON MAR 14	19.5 ON APR 14	0.048 ON AUG 21	24 300	1979
1980	31.5 AT 01:02 EST ON APR 15	16.3 ON MAR 21	0.0758 ON FEB 3	14 300	1980
1981	18.5 AT 21:00 EST ON FEB 18	15.5 ON FEB 18	0.0308 ON FEB 10	15 200	1981
1982	29.7 AT 07:56 EST ON MAR 31	24.1 ON MAR 31	0.087 ON JUL 25	28 800	1982
1983	18.4 AT 13:39 EST ON APR 10	10.5 ON FEB 3	0.050 ON JUL 15	15 100	1983
1984	---	10.0 B ON FEB 14	0.0418 ON JAN 22	20 000	1984
				15 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ETOBICOKE CREEK BELOW QUEEN ELIZABETH HIGHWAY - STATION NO. 02HC030

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	0.310	1.20	2.71	---	1966
1967	1.01	0.985	5.29	4.33	0.890	1.98	1.39	0.801	0.521	1.04	1.12	2.38	1.78	1967
1968	0.636	5.53	5.80	0.996	1.11	0.882	0.513	2.24	1.15	0.675	4.16	2.28	2.20	1968
1969	3.21	1.05	5.70	4.41	2.05	0.500	1.70	1.16	0.320	0.529	1.06	0.820	1.87	1969
1970	0.586	1.26	4.50	3.71	1.01	0.475	0.947	1.89	1.08	0.981	1.45	2.31	1.67	1970
1971	1.48	2.61	6.31	4.43	0.889	0.913	0.885	1.12	0.585	0.582	0.574	1.46	1.78	1971
1972	1.50	1.50	4.98	12.1	0.499	0.985	1.06	0.724	0.563	1.21	2.48	3.25	2.56	1972
1973	3.11	2.25	9.08	3.43	1.61	0.748	0.571	0.483	0.533	1.27	2.56	1.87	2.31	1973
1974	3.22	1.43	4.60	3.87	5.88	1.78	0.841	0.247	0.411	0.343	1.03	0.671	1.98	1974
1975	1.48	5.02	3.85	3.04	1.59	0.670	0.325	1.10	0.745	0.703	0.778	0.973	1.55	1975
1976	0.533	8.12	6.87	2.79	2.46	0.819	0.957	0.671	0.879	0.713	0.388	0.474	1.98	1976
1977	0.278	1.78	4.87	2.19	0.422	0.883	0.949	1.19	2.88	2.95	2.76	6.11	2.28	1977
1978	0.871	0.440	6.38	5.32	1.98	0.527	0.476	0.695	2.26	0.892	1.01	1.24	1.63	1978
1979	1.78	0.742	9.54	6.00	2.45	0.885	0.750	1.33	0.841	1.14	2.27	5.54	2.79	1979
1980	1.63	0.281	4.26	5.91	1.26	1.33	2.37	0.690	0.628	1.38	0.883	1.58	1.84	1980
1981	0.204	4.58	0.870	1.05	1.08	0.899	1.28	2.25	2.58	4.05	2.63	1.04	1.85	1981
1982	1.45	0.647	10.7	3.54	0.824	3.20	0.746	1.79	2.89	1.28	4.27	5.77	3.09	1982
1983	1.72	3.02	3.95	4.70	3.58	0.836	0.487	1.13	0.917	1.26	2.82	3.06	2.26	1983
1984	0.488	7.73	5.86	3.07	2.31	1.08	0.967	0.923	1.42	0.571	1.69	2.08	2.31	1984
MEAN	1.40	2.80	5.77	4.14	1.74	1.07	0.945	1.11	1.15	1.14	1.84	2.39	2.11	MEAN

LOCATION - LAT 43 36 02 N DRAINAGE AREA, 204 km²
LONG 79 33 24 W NATURAL FLOW

ETOBICOKE CREEK BELOW QUEEN ELIZABETH HIGHWAY - STATION NO. 02HC030

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	74.2 AT 12:00 EST ON APR 3	36.8 ON APR 3	0.153 ON JUN 5	56 100	1967
1968	157 AT 02:00 EST ON AUG 6	94.9A ON FEB 2 *	0.181 ON JUL 29	69 700	1968
1969	97.1 AT 22:50 EST ON APR 18	43.3 ON APR 18	0.161 ON JUL 21	59 000	1969
1970	58.6 AT 22:58 EST ON AUG 30	18.4 ON APR 3	0.255E ON AUG 11	52 600	1970
1971	84.4 AT 19:43 EST ON MAR 15	38.2 ON APR 2	0.238 ON AUG 4	56 600	1971
1972	58.3 AT 20:01 EST ON APR 13	45.9 ON APR 13	0.125 ON MAY 28	80 900	1972
1973	---	35.7 ON MAR 12	0.108 ON SEP 10 *	72 900	1973
1974	183 AT 01:38 EST ON MAY 17 *	79.6 ON MAY 17	0.170 ON AUG 20	62 300	1974
1975	---	65.1E ON FEB 24	0.180 ON JUL 1	52 000	1975
1976	56.1 AT 19:26 EST ON MAR 5	39.9 ON MAR 20	0.181 ON AUG 23	61 900	1976
1977	71.4 AT 02:13 EST ON SEP 25	28.6 ON MAR 13	0.150 ON JUN 13	71 800	1977
1978	45.6 AT 04:15 EST ON SEP 12	28.1 ON MAR 23	0.142 ON JUL 17	57 700	1978
1979	97.3 AT 17:21 EST ON DEC 25	72.6 ON DEC 25	0.223 ON JUL 8	87 900	1979
1980	87.4 AT 22:09 EST ON APR 14	51.7 ON MAR 21	0.200B ON FEB 3	58 100	1980
1981	84.8 AT 20:23 EST ON AUG 4	29.0E ON FEB 17	0.180B ON JAN 22	58 400	1981
1982	74.1 AT 17:08 EST ON MAR 13	43.5 ON MAR 31	0.242B ON JAN 27	87 600	1982
1983	54.4 AT 19:13 EST ON MAY 2	28.7 ON FEB 3	0.223 ON SEP 12	72 100	1983
1984	89.7 AT 08:34 EST ON FEB 14	66.0E ON FEB 14	0.259 ON JUL 30	72 900	1984
				68 700	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ETOBICOKE CREEK NEAR SUMMERVILLE - STATION NO. 02HC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1946	---	---	---	---	---	---	---	---	---	2.15	0.932	---	---	1946
1946	---	---	4.86	0.244	0.354	0.224	0.085	0.057	0.113	0.196	0.331	---	---	1946
1947	---	---	---	5.58	1.06	3.53	0.703	0.208	0.112	0.201	0.182	0.387	---	1947
1948	0.086	---	14.1	1.15	1.02	0.313	0.303	0.057	0.208	0.184	0.630	0.280	---	1948
1949	4.47	3.77	5.14	0.757	0.177	0.088	0.136	0.032	0.189	0.151	0.184	1.56	1.38	1949
1950	2.82	0.538	8.36	4.80	0.183	0.154	0.178	0.104	0.088	0.522	0.742	1.70	1.76	1950
1951	1.70	3.17	5.77	5.47	0.183	0.105	0.095	0.004	0.040	0.078	2.16	0.195	1.56	1951
1952	2.97	3.82	8.33	4.39	0.335	0.047	0.015	0.040	0.035	0.037	0.357	0.188	1.71	1952
1953	1.08	1.08	2.84	0.280	3.01	0.520	0.056	0.070	0.043	0.085	0.095	0.183	0.781	1953
1954	0.813	6.89	6.09	3.68	0.287	0.180	0.015	0.039	0.080	---	---	---	---	1954
1955	---	3.76	8.23	3.28	0.316	0.148	0.032	0.672	0.052	0.126	0.544	0.854	---	1955
1956	0.889	0.587	7.89	4.98	5.61	0.171	0.884	0.378	0.298	0.176	0.177	1.05	1.92	1956
1957	1.83	4.38	2.88	3.36	0.881	1.23	0.226	0.049	0.216	0.278	0.513	1.30	1.40	1957
1958	0.151	1.01	2.88	0.671	0.193	0.054	0.087	0.037	0.136	0.080	0.186	0.097	0.462	1958
1959	0.292	0.384	1.48	5.52	0.385	0.212	0.151	0.029	0.065	0.204	0.216	0.883	0.815	1959
1960	0.854	0.810	2.75	5.84	3.88	0.271	0.318	0.104	0.081	0.128	0.132	0.108	1.37	1960
1961	0.037	3.05	2.38	1.77	0.810	0.241	0.157	0.187	0.200	0.154	0.138	0.140	0.753	1961
1962	0.152	0.188	4.80	0.430	0.153	0.158	0.290	0.248	0.378	---	---	---	---	1962
MEAN	1.37	2.38	5.48	3.18	1.10	0.448	0.218	0.138	0.137	0.294	0.469	0.821	1.28	MEAN

LOCATION - LAT 43 37 36 N DRAINAGE AREA, 186 km²
LONG 79 33 51 W NATURAL FLOW

ETOBICOKE CREEK NEAR SUMMERVILLE - STATION NO. 02HC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	41.6 ON MAR 7	0 ON OCT 6 *	---	1946
1947	---	83.4 ON MAR 25	0.028 ON AUG 18	---	1947
1948	---	87.2E ON MAR 16	0 ON SEP 5	---	1948
1949	---	87.2E ON MAR 22	0 ON AUG 1	43 500	1949
1950	---	93.4E ON MAR 27 *	0 ON JUL 29	55 500	1950
1951	---	53.5 ON NOV 14	0 ON JUL 25	48 400	1951
1952	---	59.5 ON MAR 11	0 ON JUL 5	54 000	1952
1953	---	48.1 ON MAR 4	0 ON JUL 18	24 000	1953
1954	---	---	---	---	1954
1955	---	---	---	---	1955
1956	204 R AT 02:00 EST ON MAR 7 *	77.9E ON MAY 12	0.057E ON JUL 19	80 800	1956
1957	---	64.3 ON FEB 26	0 ON AUG 13	44 000	1957
1958	---	19.1 ON FEB 28	0 ON AUG 1	14 800	1958
1959	47.8R ON MAR 31	37.9 ON APR 2	0.014 ON JUL 28	25 700	1959
1960	---	32.8 ON APR 4	0.037 ON AUG 31	43 300	1960
1961	63.1R ON FEB 23	27.9 ON FEB 23	0.028B ON JAN 11	23 800	1961
1962	---	17.0B ON MAR 15	---	---	1962
				39 900	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

FAIRCHILD CREEK NEAR BRANTFORD - STATION NO. 02GB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	---	---	---	2.01	---	1964
1965	2.29	11.1	6.77	13.3	1.62	0.378	0.197	0.246	0.282	1.43	3.15	4.21	3.86	1965
1966	2.20	3.88	9.86	3.64	2.01	1.33	0.205	0.203	0.222	0.330	0.650	5.23	2.49	1966
1967	3.64	1.95	8.43	8.62	2.21	3.88	1.99	1.08	0.377	1.42	3.23	5.18	3.58	1967
1968	1.25	11.3	9.07	3.15	1.81	1.80	0.516	1.48	1.79	2.05	5.36	4.35	3.60	1968
1969	6.80	4.78	6.81	11.0	5.35	1.08	0.883	0.514	0.235	0.486	1.02	0.990	3.32	1969
1970	0.588	1.25	5.22	6.21	2.05	0.368	0.714	0.382	0.592	1.30	2.37	3.33	2.12	1970
1971	1.57	3.98	13.6	6.62	1.11	0.597	0.351	0.385	0.241	0.343	0.349	1.47	2.55	1971
1972	2.11	0.802	11.3	11.4	3.40	1.21	0.975	3.44	0.429	1.41	3.83	4.43	3.75	1972
1973	4.17	3.42	19.7	7.29	3.03	1.13	0.488	0.425	0.382	0.858	3.37	3.90	4.01	1973
1974	10.9	5.89	9.06	7.24	8.68	3.04	0.815	0.360	0.393	0.424	0.941	1.24	4.08	1974
1975	2.40	8.06	8.80	8.31	1.84	0.809	0.831	0.883	2.43	1.45	3.21	3.89	3.30	1975
1976	2.12	13.3	15.9	5.71	6.75	1.52	1.10	0.876	1.47	1.17	1.20	0.830	4.37	1976
1977	0.412	1.30	14.8	7.30	1.31	1.45	1.76	0.582	4.33	5.24	3.25	11.1	4.44	1977
1978	2.05	1.50	12.6	11.8	4.37	0.787	0.535	0.526	1.05	0.835	1.36	2.24	3.33	1978
1979	1.88	1.43	14.5	14.5	3.08	0.810	0.502	0.663	0.402	0.748	3.45	8.85	4.26	1979
1980	3.79	0.672	7.74	11.4	4.04	1.37	0.981	0.818	0.810	1.81	1.39	2.18	3.07	1980
1981	0.530	9.38	3.05	3.81	2.00	0.844	0.587	0.730	3.88	4.88	3.51	2.13	2.89	1981
1982	1.38	0.802	9.83	11.8	2.25	3.31	0.720	2.02	1.98	2.06	5.29	11.7	4.46	1982
1983	3.37	8.37	7.22	7.55	6.77	2.09	0.943	1.54	0.524	0.983	1.82	4.76	3.80	1983
1984	0.943	15.5	9.50	7.19	2.94	5.08	1.17	0.952	1.43	0.721	2.57	4.70	4.34	1984
MEAN	2.73	5.34	10.4	8.35	3.31	1.63	0.802	0.894	1.16	1.48	2.57	4.28	3.58	MEAN

LOCATION - LAT 43 08 49 N
LONG 80 08 18 W
DRAINAGE AREA, 360 km^2
NATURAL FLOW

FAIRCHILD CREEK NEAR BRANTFORD - STATION NO. 02GB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	---	72.2A ON FEB 11	0.023 ON AUG 1 *	122 000	1965
1966	---	30.8 ON MAR 5	0.040 ON AUG 31	78 500	1966
1967	---	33.7 ON APR 4	0.238 ON SEP 17	113 000	1967
1968	---	76.7A ON FEB 3 *	0.224 ON JUL 31	114 000	1968
1969	---	59.6B ON JAN 31	0.159 ON AUG 29	105 000	1969
1970	21.9 AT 03:35 EST ON APR 3	20.3 ON APR 3	0.215 ON JUL 7	88 800	1970
1971	38.5B AT 14:00 EST ON MAR 16	34.0B ON FEB 26	0.170 ON NOV 5	80 400	1971
1972	---	31.1B ON MAR 23	0.328 ON SEP 23	118 000	1972
1973	46.7 AT 18:30 EST ON MAR 5	43.3 ON MAR 15	0.269 ON SEP 14	128 000	1973
1974	68.8 AT 14:10 EST ON JAN 28	65.4 ON JAN 28	0.187 ON JUL 28	129 000	1974
1975	38.8 AT 00:37 EST ON FEB 28	36.0 ON FEB 25	0.288 ON AUG 19	104 000	1975
1976	44.5 AT 23:51 EST ON MAR 5	42.8 ON MAR 5	0.425 ON SEP 6	138 000	1976
1977	49.8B AT 13:45 EST ON MAR 11	48.4 ON MAR 14	0.323 ON JUL 28	140 000	1977
1978	---	48.8B ON MAR 24	0.364 ON SEP 7	105 000	1978
1979	72.7B AT 07:30 EST ON MAR 5 *	63.7 ON APR 16	0.260E ON SEP 12	134 000	1979
1980	56.1 AT 07:13 EST ON MAR 22	52.4 ON MAR 22	0.453 ON SEP 13	97 100	1980
1981	---	42.0B ON FEB 21	0.245 ON AUG 27	81 300	1981
1982	51.5 AT 17:01 EST ON APR 1	48.0 ON APR 1	0.383 ON SEP 15	141 000	1982
1983	36.4 AT 04:16 EST ON FEB 4	34.5 ON FEB 4	0.380 ON SEP 13	120 000	1983
1984	---	68.0B ON FEB 15	0.647 ON AUG 27	137 000	1984
				113 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FAIRCHILD CREEK NEAR ONONDAGA - STATION NO. 02GB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	0.518	0.651	0.418	0.453	1.58	0.704	---	1913
1914	1.85	2.10	8.11	5.14	4.14	0.868	0.290	0.282	0.386	0.345	0.743	0.877	2.06	1914
1915	0.582	5.75	8.44	1.81	0.631	0.293	0.342	2.28	1.48	1.98	1.48	1.17	2.06	1915
1916	23.0	5.90	10.8	14.8	7.59	3.53	0.588	0.372	---	---	---	---	---	1916
MEAN	8.48	4.92	8.45	7.18	4.12	1.50	0.427	0.671	0.756	0.929	1.27	0.917	2.07	MEAN

LOCATION - LAT 43 06 36 N
LONG 80 08 05 W
DRAINAGE AREA, 298 km²
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO HYDRO

FAIRCHILD CREEK NEAR ONONDAGA - STATION NO. 02GB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	40.8 ON MAY 7	0.113 ON JUL 28 *	65 800	1914
1915	---	21.38 ON FEB 25	0.198 ON JUN 29	64 900	1915
1916	---	67.7 ON MAR 30 *	---	---	1916
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		65 300	MEAN

FALL RIVER NEAR FALLBROOK - STATION NO. 02KF014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	0.107	1.02	2.52	---	1974
1975	3.21	2.78	4.87	11.8	7.25	2.39	0.502	0.185	0.073	0.331	0.427	1.56	2.94	1975
1976	2.21	3.18	9.42	15.8	5.48	2.27	1.18	0.103	0.263	0.680	0.888	0.894	3.53	1976
1977	1.21	1.16	7.95	9.61	3.78	0.977	0.358	0.114	0.095	0.102	0.449	2.70	2.38	1977
1978	5.63	8.52	3.81	14.5	8.48	0.817	0.083	0.075	0.223	0.207	0.308	0.918	3.28	1978
1979	2.27	3.07	9.15	14.0	5.69	3.09	0.516	0.122	0.105	0.230	0.997	3.14	3.53	1979
1980	4.36	2.05	6.80	10.7	8.36	2.08	1.19	0.533	0.539	0.871	2.13	3.58	3.59	1980
1981	2.09	7.88	8.48	3.94	2.84	3.29	1.58	0.884	4.91	3.58	5.19	3.06	3.95	1981
1982	2.45	2.08	2.41	13.4	7.03	3.92	1.22	0.544	0.422	0.557	2.29	5.87	3.51	1982
1983	6.24	4.82	6.48	8.48	8.88	3.74	0.885	0.213	0.153	0.252	1.89	5.27	4.12	1983
1984	3.81	5.86	6.98	15.9	9.70	2.81	1.27	0.477	0.090	0.023	0.089	0.317	3.89	1984
MEAN	3.33	3.82	6.62	11.9	6.67	2.55	0.876	0.324	0.687	0.647	1.41	2.72	3.47	MEAN

LOCATION - LAT 44 57 01 N
LONG 76 24 11 W
DRAINAGE AREA, 277 km²
REGULATED

FALL RIVER NEAR FALLBROOK - STATION NO. 02KF014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	19.3 AT 10:17 EST ON APR 24	18.8 ON APR 25	0.023E ON OCT 4	92 900	1975
1976	26.8 AT 17:19 EST ON APR 2 *	26.8 ON APR 3 *	0.059A ON AUG 2	112 000	1976
1977	16.8 AT 17:43 EST ON MAR 16	16.5 ON MAR 17	0.074A ON SEP 9	75 000	1977
1978	20.7 AT 02:44 EST ON APR 23	20.5 ON APR 22	0.059E ON JUL 19	103 000	1978
1979	22.2 AT 05:57 EST ON APR 6	20.0 ON APR 6	0.083 ON SEP 28	111 000	1979
1980	20.4 AT 23:47 EST ON MAR 22	20.0 ON MAR 23	0.211 ON AUG 28	114 000	1980
1981	22.8 AT 08:23 EST ON FEB 26	22.6 ON FEB 25	0.508 ON AUG 6	125 000	1981
1982	20.3 AT 10:08 EST ON APR 28	18.3 ON APR 23	0.177 ON SEP 13	111 000	1982
1983	12.8 AT 02:44 EST ON MAY 10	12.7 ON MAY 10	0.144E ON SEP 20	130 000	1983
1984	21.0 AT 11:05 EST ON MAY 11	20.7 ON APR 9	0.002E ON NOV 10 *	123 000	1984
	A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		110 000	MEAN

FAREWELL CREEK AT OSHAWA - STATION NO. 02HD014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	0.480R	0.157	0.208	0.488	0.491	0.837	---	1980
1981	0.151	2.21	0.633	0.458	0.297	0.152	0.121	0.117	0.391	0.535	0.585	0.280	0.488	1981
1982	0.300	0.128	2.36	2.15	0.251	1.32	0.283	0.185	0.152	0.140	0.897	0.705	0.728	1982
1983	0.607	1.36	1.33	1.21	1.13	0.223	0.100	0.097	0.088	0.170	0.585	0.848	0.685	1983
1984	0.150	3.03	1.77	4.95	0.744	0.184	0.131	0.180	0.293	0.232	0.413	0.593	1.04	1984
MEAN	0.352	1.68	1.53	2.19	0.606	0.470	0.223R	0.148	0.226	0.333	0.585	0.569	0.728	MEAN

LOCATION - LAT 43 53 18 N
LONG 78 49 16 W
DRAINAGE AREA, 58.6 km²
NATURAL FLOW
R - REVISED SINCE JAN 1980

REMARKS - STATION DISCONTINUED JUL 02 1985

FAREWELL CREEK AT OSHAWA - STATION NO. 02ND014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	---	---	---	---	1981
1982	---	12.5 B ON FEB 20	0.020 ON JUL 17 *	15 300	1982
1983	---	13.0 E ON APR 3	0.055 ON SEP 9	22 900	1983
1984	---	9.55 ON MAR 19	0.075 ON AUG 15	21 000	1983
		33.6 ON FEB 14 *	0.078 ON JUL 30	32 800	1984
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		23 000	MEAN

FARR CREEK AT NORTH COBALT - STATION NO. 02JE018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	0.135	2.47	1.68	0.425	0.161	0.088	0.105	0.115	0.211	0.448	---	1971
1972	0.185	0.255	0.201	1.23	3.78 R	0.452R	0.254	0.389	0.314	1.09	1.04	0.395	0.802R	1972
1973	0.351	0.303	2.26	2.52	1.76	1.08	0.208	0.178	0.130	0.382	0.477	0.410	0.838	1973
1974	0.198	0.153	0.450	3.26	2.05	0.860	0.819	0.194	0.200	0.859	0.681	0.497	0.820	1974
1975	0.386	0.229	0.279	2.03	2.21	0.713	0.125	0.118	0.054	0.091	0.084	0.319	0.555	1975
1976	0.172	0.128	1.25	2.55	1.69	0.443	0.087	0.082	0.208	0.220	0.208	0.189	0.601	1976
1977	0.176	0.173	0.856	1.83	0.213	0.188	0.090	0.131	0.163	0.292	0.310	0.389	0.382	1977
1978	0.181	0.128	0.118	1.26	2.18	0.459	0.181	0.087	0.203	0.383	0.283	0.282	0.474	1978
1979	0.209	0.184	0.836	4.20	2.17	0.756	0.482	0.214	0.248	0.735	0.711	0.437	0.930	1979
1980	0.297	0.140	0.352	4.03	1.48	0.252	0.117	0.088	0.181	0.553	0.492	0.245	0.882	1980
1981	0.186	0.759	0.902	3.70	0.955	0.646	0.280	0.059	0.128	0.407	0.574	0.480	0.748	1981
1982	0.259	0.219	0.239	2.71	1.09	0.251	0.098	0.048	0.180	0.400	0.480	0.638	0.540	1982
1983	0.337	0.185	0.736	2.85	2.85	0.743	0.187	0.230	0.140	0.319	---	---	---	1983
MEAN	0.244	0.235	0.663	2.84	1.85 R	0.559R	0.218	0.143	0.171	0.431	0.481	0.381	0.670	MEAN

LOCATION - LAT 47 25 28 N LONG 79 37 59 W DRAINAGE AREA, 82.9 km^2 NATURAL FLOW

R - REVISED SINCE JAN 1980

REMARKS - DISCONTINUED NOV 23 1983

FARR CREEK AT NORTH COBALT - STATION NO. 02JE018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	23.7 AT 14:37 EST ON MAY 3 *	16.3 ON MAY 3 *	0.108 ON JUL 8	25 300R	1972
1973	---	4.33 ON MAY 4	0.004 ON JUL 8	26 400	1973
1974	7.42 AT 10:10 EST ON APR 29	7.31 ON APR 29	0.051 ON AUG 7	25 900	1974
1975	---	6.71E ON APR 26	0.014E ON SEP 3	17 800	1975
1976	---	5.24E ON MAR 28	0.008E ON AUG 29	19 000	1976
1977	---	3.09E ON APR 21	0.014E ON JUL 22	12 000	1977
1978	---	4.38E ON APR 29	0.042E ON AUG 19	14 900	1978
1979	---	12.8 E ON APR 27	0.1538 ON FEB 24	28 400	1979
1980	7.87 AT 23:00 EST ON APR 10	7.45 ON APR 10	0.002 ON OCT 3	21 800	1980
1981	7.02 AT 08:21 EST ON APR 18	6.80 ON APR 8	0.024 ON AUG 28	23 500	1981
1982	5.85 AT 14:48 EST ON APR 17	5.37 ON APR 27	0 ON JUL 23 *	17 000	1982
1983	7.87 AT 22:08 EST ON MAY 2	7.48 ON MAY 3	0.031 ON JUL 22	---	1983
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980		21 100R	MEAN

FAWN RIVER BELOW BIG TROUT LAKE - STATION NO. 04CE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	23.7	21.0	19.4	---	1967
1968	17.8	16.8	15.6	15.7	19.6	21.5	23.0	29.2	47.7	53.0	54.1	44.2	28.9	1968
1969	37.2	34.5	30.1	27.3	32.5	34.2	34.9	31.9	30.7	51.5	49.4	44.9	38.8	1969
1970	39.0	33.7	28.8	27.0	37.5	58.4	83.7	73.7	80.2	65.1	55.1	58.0	52.9	1970
1971	49.3	40.2	34.5	34.3	57.3	64.4	58.1	55.0	48.3	43.9	58.7	53.0	48.5	1971
1972	36.5	28.9	24.7	24.7	42.3	55.0	48.5	39.9	34.1	37.9	38.8	30.5	36.7	1972
1973	27.3	26.2	26.0	26.1	36.1	54.3	63.5	50.3	58.4	52.7	52.3	51.0	44.7	1973
1974	42.5	36.1	31.8	29.0	31.1	84.3	75.4	62.9	58.7	51.9	45.0	38.4	47.2	1974
1975	32.3	27.3	24.3	23.8	36.3	55.3	62.2	88.8	84.8	88.9	58.4	48.4	50.9	1975
1976	38.6	32.8	28.4	27.2	39.2	61.8	66.4	53.9	41.7	30.4	28.0	21.0	37.2	1976
1977	20.0	19.8	19.7	19.8	28.1	27.1	25.5	26.8	28.5	28.7	27.0	24.7	24.8	1977
1978	22.6	21.7	21.2	21.4	24.0	32.6	41.9	42.7	38.5	34.9	37.2	33.2	30.9	1978
1979	29.3	28.7	28.7	28.0	28.3	36.1	33.9	31.3	30.2	32.4	34.5	31.5	30.5	1979
1980	28.3	27.2	25.5	24.0	28.4	30.3	28.4	28.2	29.3	41.8	42.0	35.1	30.8	1980
1981	31.3	28.6	27.0	25.1	26.1	36.5	40.8	42.1	48.5	57.7	54.8	48.4	38.8	1981
1982	36.8	34.9	31.4	28.1	45.2	68.8	77.5	79.8	73.1	63.1	54.9	48.1	53.8	1982
1983	38.7	33.5	29.7	28.0	33.8	---	---	---	---	---	---	---	---	1983
1984	35.0	31.3	27.1	27.7	38.7	48.8	47.3	39.8	32.0	38.0	34.8	30.3	35.8	1984
MEAN	33.4	29.4	26.6	25.7	34.3	48.0	50.0	49.1	48.0	48.8	46.1	38.5	39.4	MEAN

LOCATION - LAT 53 48 00 N LONG 89 33 00 W DRAINAGE AREA, 4 350 km^2 NATURAL FLOW

REMARKS - RECORDER INOPERATIVE MAR 28-DEC 31 1983

FAWN RIVER BELOW BIG TROUT LAKE - STATION NO. 04CE002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	58.6 ON OCT 28	14.78 ON APR 14 *	844 000	1968
1969	58.9 AT 16:30 EST ON OCT 18	57.6 ON OCT 18	23.3 ON SEP 6	1 150 000	1969
1970	80.0 AT 14:37 EST ON JUL 18	68.3 ON JUL 17	26.3 ON APR 22	1 870 000	1970
1971	73.9 AT 13:41 EST ON MAY 29	71.6 ON MAY 28	32.88 ON APR 4	1 560 000	1971
1972	68.3 AT 19:43 EST ON JUN 2	56.8 ON JUN 17	23.88 ON APR 6	1 160 000	1972
1973	69.9 AT 14:27 EST ON SEP 6	68.8 ON SEP 6	25.4 ON APR 12	1 410 000	1973
1974	85.2 AT 14:12 EST ON JUN 30	84.4 ON JUN 30	28.38 ON APR 26	1 480 000	1974
1975	104 AT 03:42 EST ON AUG 26 *	101 ON AUG 26 *	23.58 ON APR 12	1 800 000	1975
1976	80.3 AT 17:51 EST ON JUL 5	58.6 ON JUL 3	20.08 ON DEC 31	1 170 000	1976
1977	33.4 AT 15:11 EST ON AUG 23	32.0 ON AUG 23	19.0 ON APR 14	773 000	1977
1978	51.8 AT 13:23 EST ON AUG 19	49.3 ON AUG 19	21.08 ON MAR 19	973 000	1978
1979	38.7 AT 18:53 EST ON JUN 15	38.2 ON JUN 16	25.38 ON MAR 15	962 000	1979
1980	48.1 AT 21:10 EST ON OCT 27	47.1 ON OCT 27	23.3 ON APR 18	977 000	1980
1981	64.3 AT 14:51 EST ON OCT 18	62.5 ON OCT 18	23.7 ON MAY 2	1 220 000	1981
1982	86.4 AT 16:28 EST ON SEP 4	84.4 ON AUG 27	28.68 ON APR 10	1 880 000	1982
1983	---	---	---	---	1983
1984	51.7 AT 16:16 EST ON JUN 30	50.6 ON JUN 24	26.48 ON MAR 27	1 130 000	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 240 000	MEAN

FISH CREEK NEAR PROSPECT HILL - STATION NO. 02GD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	3.32	1.38	---	---	1945
1946	---	---	5.15	0.474	0.229	0.179	0.088	0.072	0.057	0.073	0.086	---	---	1946
1947	---	---	---	12.4	2.32	4.00	1.50	0.307	0.247	0.389	0.740	---	---	1947
1948	---	---	---	2.51	1.68	0.190	0.119	0.262	0.023	0.047	1.18	---	---	1948
1949	---	5.38	3.68	1.18	0.235	0.037	0.018	0.001	0.009	0.213	0.121	5.22	---	1949
1950	4.11	---	---	4.93	0.228	0.086	0.186	0.523	0.077	0.278	1.60	---	---	1950
1951	---	---	5.11	3.80	0.478	0.181	0.115	---	---	---	1.38	0.845	---	1951
1952	3.85	2.63	4.32	2.76	1.89	0.264	0.070	0.068	0.047	0.072	0.083	0.217	1.38	1952
1953	0.814	0.797	4.28	1.18	1.61	2.28	0.278	0.085	0.040	0.057	0.128	0.435	1.01	1953
1954	0.934	9.89	5.85	3.17	0.877	0.159	0.039	0.028	0.028	3.78	2.88	2.82	2.46	1954
1955	2.81	1.18	8.67	1.79	0.384	0.195	0.084	0.018	0.012	0.110	0.437	1.24	1.25	1955
1956	0.872	0.757	9.68	4.81	5.83	0.280	0.143	0.348	0.828	0.438	0.448	2.40	2.32	1956
1957	2.03	2.14	2.76	2.88	0.867	1.02	0.818	0.187	0.458	0.261	2.88	5.88	1.85	1957
1958	0.840	0.373	3.31	0.825	0.154	0.045	0.088	0.012	0.348	0.073	0.858	0.428	0.583	1958
1959	0.940	1.22	7.40	5.18	1.88	0.323	0.155	0.357	0.254	4.14	5.41	2.01	2.53	1959
1960	0.586	1.23	1.56	9.15	2.14	1.23	0.188	0.100	0.032	0.048	0.081	0.074	1.38	1960
1961	0.015	2.85	2.24	2.45	1.79	0.221	0.089	0.059	0.038	0.152	0.801	1.05	0.950	1961
1962	0.409	0.448	5.79	1.68	0.705	0.185	0.051	0.055	0.017	0.101	1.02	1.27	0.882	1962
1963	0.428	0.226	6.43	2.51	1.35	0.242	0.081	0.032	0.030	0.015	0.018	0.037	1.13	1963
1964	2.33	1.17	3.55	2.24	0.558	0.114	0.040	1.47	0.314	0.174	0.144	1.95	1.18	1964
1965	2.05	6.02	3.61	5.11	0.840	0.161	0.073	0.078	0.084	0.231	2.21	6.53	2.22	1965
1966	1.28	2.84	4.10	2.35	1.19	1.33	0.157	0.220	0.080	0.130	3.14	8.22	1.91	1966
1967	3.74	1.49	8.28	5.52	1.64	2.24	1.11	2.43	0.493	4.23	5.47	4.82	3.29	1967
1968	1.35	5.98	5.77	1.90	0.635	0.334	0.151	0.053	0.167	1.41	2.06	2.26	1.82	1968
1969	4.43	2.83	5.89	4.85	2.02	0.530	0.422	0.280	0.114	0.196	1.45	1.08	2.00	1969
1970	0.486	0.688	2.86	5.80	2.15	0.444	0.258	0.083	0.137	0.275	1.99	3.04	1.53	1970
1971	1.00	2.01	8.81	5.10	0.538	0.158	0.038	0.024	0.017	0.017	0.026	1.02	1.39	1971
1972	1.18	0.380	5.52	5.02	1.60	0.284	0.281	0.039	0.028	0.302	1.37	3.84	1.87	1972
1973	5.87	1.78	7.87	1.89	1.88	0.565	0.232	0.256	0.048	0.147	3.10	2.00	2.13	1973
1974	5.14	2.10	6.21	3.83	4.78	0.953	0.349	0.081	0.027	0.025	0.738	0.418	2.08	1974
1975	3.77	2.90	5.18	7.37	1.02	0.567	0.269	0.372	0.560	0.161	0.562	2.34	2.08	1975
1976	1.50	8.89	9.42	2.92	1.89	0.324	1.46	1.88	0.644	0.439	2.33	0.929	2.71	1976
1977	0.321	0.282	13.8	2.58	0.571	0.244	0.132	0.104	1.33	1.77	2.50	3.88	2.32	1977
1978	1.16	0.628	3.57	13.0	1.61	0.642	0.081	0.089	0.223	0.751	0.721	1.37	1.97	1978
1979	1.87	~0.338	10.4	8.75	0.988	0.214	0.521	0.184	0.046	0.599	3.53	4.38	2.61	1979
1980	1.38	0.428	8.18	4.07	1.25	0.805	0.648	0.156	0.183	0.798	0.480	1.78	1.53	1980
1981	0.303	8.19	2.40	1.82	1.34	0.438	0.157	0.268	2.37	3.91	1.81	1.08	2.05	1981
1982	0.787	0.298	7.51	5.51	0.586	0.783	0.201	0.154	1.14	0.224	3.99	7.28	2.38	1982
1983	1.48	2.68	1.48	2.48	3.34	1.88	0.681	0.827	0.376	0.332	1.35	3.28	1.88	1983
1984	0.870	8.01	3.78	1.94	1.08	1.87	0.992	0.156	1.71	0.263	2.32	3.55	2.24	1984
MEAN	1.78	2.88	5.84	4.00	1.48	0.888	0.322	0.312	0.332	0.788	1.58	2.48	1.83	MEAN

LOCATION - LAT 63 13 14 N DRAINAGE AREA, 150 km^2
LONG 81 14 14 W NATURAL FLOW

FISH CREEK NEAR PROSPECT HILL - STATION NO. 02GD010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	39.8 B ON MAR 7	0.028 ON SEP 21	---	1946
1947	---	96.3 ON APR 5	0.028 ON SEP 7	---	1947
1948	---	49.6 ON MAR 20	0 ON SEP 28 *	---	1948
1949	---	49.6 ON FEB 15	0 ON JUL 5	---	1949
1950	---	59.5 ON APR 4	0.028 ON JUN 25	---	1950
1951	---	---	---	---	1951
1952	---	28.9 ON MAR 11	0.028 ON JUL 2	42 800	1952
1953	---	21.4 ON MAR 4	0.028E ON SEP 12	31 900	1953
1954	---	86.1 ON FEB 15	0.028 ON JUL 13	77 800	1954
1955	---	37.4 ON MAR 11	0 ON JUL 30	38 500	1955
1956	---	48.4 ON MAR 7	0.028 ON JUL 28	73 400	1956
1957	---	32.6 ON DEC 20	0.113 ON OCT 10	58 300	1957
1958	---	7.02 ON MAR 23	0 ON JUL 19	18 400	1958
1959	---	34.3 ON OCT 7	0.054 ON AUG 25	79 600	1959
1960	---	48.7 ON APR 3	0.025 ON SEP 12	43 000	1960
1961	---	20.5 B ON FEB 24	0.011B ON JAN 1	30 000	1961
1962	---	14.3 B ON MAR 23	0.008 ON SEP 15	31 000	1962
1963	---	55.8 ON MAR 27	0 ON NOV 6	35 600	1963
1964	---	20.4 ON DEC 25	0 ON JUL 30	37 200	1964
1965	---	58.5 ON FEB 11	0 ON SEP 17	70 200	1965
1966	88.0 AT 11:30 EST ON DEC 7	50.0 ON DEC 7	0.023 ON SEP 20	80 400	1966
1967	80.0 AT 05:00 EST ON APR 3	44.7 ON OCT 18	0.119 ON SEP 20	104 000	1967
1968	86.9 AT 11:15 EST ON FEB 2	66.3 ON FEB 2	0.040 ON AUG 15	57 700	1968
1969	46.4 AT 22:30 EST ON JAN 30	33.7 ON JAN 31	0.085 ON SEP 14	62 900	1969
1970	34.8 AT 05:47 EST ON MAY 16	22.3 ON MAY 16	0.018 ON AUG 29	48 100	1970
1971	40.5 AT 05:00 EST ON APR 2	35.1 ON APR 2	0.002 ON OCT 5	43 800	1971
1972	43.3 AT 21:42 EST ON DEC 31	30.3 ON MAR 22	0.012 ON SEP 15	52 800	1972
1973	43.8 AT 19:07 EST ON MAR 11	30.0 ON JAN 1	0.018 ON SEP 16	87 100	1973
1974	72.8 AT 05:33 EST ON MAR 5	55.2 ON MAR 5	0.007 ON SEP 11	85 000	1974
1975	134 AT 08:18 EST ON APR 19	81.3 ON APR 19	0.051 ON AUG 10	85 800	1975
1976	---	41.9 E ON MAR 5	0.178 ON JUN 15	85 800	1976
1977	150 AT 08:27 EST ON MAR 13 *	128 ON MAR 13 *	0.018 ON SEP 12	73 000	1977
1978	51.5 AT 21:05 EST ON APR 7	40.8 ON APR 11	0.004 ON SEP 11	82 100	1978
1979	71.9 AT 07:57 EST ON APR 14	57.6 ON APR 14	0.014 ON SEP 12	79 100	1979
1980	80.8 AT 14:57 EST ON MAR 21	42.9 ON MAR 21	0.049 ON AUG 27	48 500	1980
1981	59.9 AT 16:00 EST ON FEB 23	48.3 ON FEB 23	0.019 ON AUG 27	84 800	1981
1982	89.0 AT 05:08 EST ON MAR 31	58.8 ON MAR 31	0.038 ON AUG 14	75 200	1982
1983	21.1 AT 00:17 EST ON DEC 13	16.2 ON DEC 13	0.098 ON SEP 13	52 200	1983
1984	70.8 AT 21:51 EST ON FEB 14	55.2 ON FEB 14	0.054 ON AUG 26	70 800	1984
				57 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FISHERS CREEK NEAR FISHERS GLEN - STATION NO. 02GC023

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.136	0.134	0.151	0.147	0.112	0.111	0.115	0.102	0.110	0.122	0.131	0.124	0.124	1970
1971	0.120	0.140	0.143	0.133	0.130	0.126	0.112	0.117	0.129	0.129	0.128	0.127	0.128	1971
1972	0.139	0.136	0.229	0.141	0.132	0.119	0.116	0.134	0.134	0.148	0.138	0.147	0.143	1972
1973	0.134	0.136	0.165	0.161	0.153	0.146	0.130	0.127	0.134	0.172	0.163	0.148	0.148	1973
1974	0.156	0.162	0.192	0.179	0.181	0.177	0.148	0.140	0.150	0.158	0.172	0.159	0.165	1974
1975	0.155	0.159	0.175	0.164	0.148	0.141	0.121	0.131	0.148	0.128	0.131	0.141	0.144	1975
1976	0.135	0.188	0.236	0.183	0.174	---	---	---	---	---	---	---	---	1976
MEAN	0.139	0.151	0.187	0.158	0.148	0.137	0.124	0.125	0.134	0.143	0.143	0.141	0.142	MEAN

LOCATION - LAT 42 43 31 N DRAINAGE AREA, 5.18 km^2
LONG 80 19 03 W REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

FISHERS CREEK NEAR FISHERS GLEN - STATION NO. 02GC023

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	0.881 AT 15:47 EST ON SEP 8	0.287 ON APR 2	0.093 ON AUG 7	3 920	1970
1971	0.671 AT 00:59 EST ON MAY 25	0.345 ON FEB 27	0.081 ON JUL 13 *	4 020	1971
1972	2.10 AT 10:27 EST ON MAR 2 *	1.05 ON MAR 2 *	0.102 ON JUN 20	4 520	1972
1973	0.840 AT 23:35 EST ON OCT 28	0.405 ON OCT 29	0.093 ON JUL 18	4 710	1973
1974	0.736 AT 08:21 EST ON JUN 21	0.384 ON FEB 22	0.119 ON SEP 2	5 220	1974
1975	0.688 AT 19:11 EST ON AUG 31	0.311 ON FEB 24	0.096 ON JUL 7	4 540	1975
1976	---	0.442E ON MAR 5	---	---	1976
				4 490	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FOOTPRINT RIVER AT RAINY LAKE FALLS - STATION NO. 05PB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	---	---	5.75	2.81	2.88	---	1914
1915	3.30	3.24	2.91	2.39	12.5	19.4	15.0	8.83	3.83	2.19	2.27	2.35	5.51	1915
1916	2.35	2.35	2.60	5.49	30.3	30.0	16.8	9.15	6.00	3.76	---	---	---	1916
MEAN	2.83	2.80	2.76	4.44	21.4	24.7	15.9	8.91	4.92	4.23	2.44	2.61	5.51	MEAN

LOCATION - LAT 48 51 30 N
LONG 93 34 30 W
DRAINAGE AREA, 1 090 km²
REGULATED

FOOTPRINT RIVER AT RAINY LAKE FALLS - STATION NO. 05PB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1914	---	---	---	---	1914
1915	---	29.2 ON MAY 19	2.10 ON OCT 3 *	205 000	1915
1916	---	39.9 ON MAY 27 *	---	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		205 000	MEAN

FREDERICK HOUSE RIVER AT FREDERICK HOUSE LAKE DAM - STATION NO. 04MD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	---	---	---	---	---	---	---	13.8	35.5	13.7	---	1938
1939	33.4	80.1	19.2	6.80	147	27.3	48.5	10.0	12.9	41.1	24.8	31.7	37.9	1939
1940	31.4	31.0	34.2	22.4	49.8	82.5	38.9	7.57	28.4	17.3	34.1	29.8	32.2	1940
1941	28.8	30.2	31.9	57.3	54.5	16.1	16.8	41.3	56.2	88.6	80.5	34.2	41.2	1941
1942	16.3	46.7	81.5	56.8	42.7	7.13	5.98	8.98	17.6	45.4	30.7	11.8	29.2	1942
1943	24.8	41.3	46.0	25.0	34.0	72.5	27.8	14.2	17.1	19.0	4.83	25.8	29.3	1943
1944	25.2	28.6	37.9	32.3	38.0	21.9	16.6	9.17	48.3	45.2	26.3	19.4	29.5	1944
1945	39.1	33.7	23.8	44.1	73.0	80.0	25.6	5.71	14.9	25.5	31.7	26.0	33.6	1945
1946	5.71	18.3	73.6	29.2	66.0	41.0	22.4	11.1	11.8	15.6	4.86	15.6	26.4	1946
1947	46.8	46.6	45.8	43.2	172	116	1.38	4.81	13.5	27.5	35.7	41.5	49.6	1947
1948	22.5	3.59	3.78	26.9	47.4	20.4	12.7	17.7	19.7	42.5	14.0	15.9	20.8	1948
1949	30.6	34.3	35.6	19.6	28.5	39.7	33.0	39.9	23.6	35.6	24.0	28.1	30.8	1949
1950	15.1	5.78	18.4	32.8	84.5	59.8	51.3	48.1	38.8	17.8	18.3	29.5	35.1	1950
1951	35.3	32.4	47.0	70.1	30.2	40.3	17.6	8.77	34.2	43.0	47.3	34.7	36.7	1951
1952	59.0	48.0	39.5	14.1 R	44.6	42.2	28.8	19.0	17.0	23.6	13.7	16.8	30.5R	1952
1953	76.0	38.8	44.5	42.7	46.8	35.1	19.0	30.1	5.15	28.7	22.0	24.7	34.3	1953
1954	46.9	47.5	56.4	29.0	57.4	41.1	28.9	25.4	25.5	54.7	32.3	31.3	39.8	1954
1955	41.4	43.2	47.1	26.0	0.081	35.1	28.9	8.54	18.2	1.28	4.18	36.8	23.9	1955
1956	27.8	36.6	45.4	23.7	66.0	38.3	33.1	17.2	18.9	35.6	30.3	24.2	33.2	1956
1957	23.2	27.0	48.8	17.1	5.22	47.8	88.6	31.3	28.4	10.8	19.8	36.7	32.0	1957
1958	42.9	45.1	44.3	15.0	0	2.44	42.1	21.7	5.83	41.9	34.6	28.2	27.0	1958
1959	39.9	38.4	49.9	23.2	28.6	33.8	49.4	0	0	0	24.5	48.7	28.0	1959
1960	31.1	38.4	24.9	14.7	208	36.3	21.2	10.2	27.2	23.4	15.3	28.2	39.8	1960
1961	34.1	26.8	42.2	9.19	35.8	61.7	43.2	18.5	88.8	29.2	50.2	30.9	39.4	1961
1962	68.0	52.0	43.5	10.2	70.4	20.9	24.3	14.1	28.8	27.0	24.5	18.2	32.4	1962
1963	28.3	23.0	28.4	42.3	18.4	38.2	24.0	22.7	20.2	22.4	4.42	18.1	24.0	1963
1964	49.8	58.7	42.0	44.7	80.9	81.0	20.5	7.90	13.4	39.3	26.2	24.0	38.7	1964
1965	33.4	58.8	83.7	7.80	83.4	7.68	11.2	31.8	84.7	83.0	13.5	18.5	36.5	1965
1966	48.8	88.8	44.8	30.1	29.3	57.3	10.0	1.10	2.59	88.8	44.9	43.4	37.0	1966
1967	44.2	44.8	88.4	116	78.5	80.7	7.21	19.8	51.5	9.12	17.0	23.9	44.6	1967
1968	34.6	38.8	88.9	17.7	41.1	51.8	57.2	13.2	18.1	4.30	14.0	38.8	33.2	1968
1969	34.1	34.8	48.1	21.4	87.8	24.1	16.0	5.39	8.39	35.8	43.2	36.6	30.8	1969
1970	58.3	46.8	21.8	5.90	29.7	63.4	17.7	13.5	26.8	1.58	4.83	9.43	24.8	1970
1971	30.5	80.7	84.1	19.3	78.8	24.7	7.77	5.90	7.64	11.8	26.7	33.4	29.8	1971
1972	33.1	47.3	80.8	21.3	26.2	72.1	24.7	10.7	8.20	5.05	18.1	36.2	29.8	1972
1973	33.1	37.2	80.0	8.12	62.8	25.7	21.3	4.84	5.21	18.1	21.5	33.6	36.5	1973
1974	28.1	34.5	48.2	15.6	65.8	81.2	20.7	16.3	20.0	15.2	19.4	29.8	31.4	1974
1975	29.8	28.3	48.8	30.8	11.4	72.1	7.17	0	0.109	1.26	28.8	34.8	24.1	1975
1976	45.4	80.4	43.8	118	48.1	13.4	1.26	0.470	7.80	18.8	4.25	1.14	29.2	1976
1977	46.0	48.4	34.8	49.8	12.3	0	0	0	25.5	17.7	17.5	38.3	24.0	1977
1978	40.3	47.5	47.0	13.6	51.8	48.2	37.8	11.4	33.2	35.5	9.23	29.4	33.7	1978
1979	48.4	55.1	21.3	38.8	108	10.1	28.6	20.1	23.1	24.7	35.4	36.3	37.1	1979
1980	38.0	80.3	38.3	15.0	88.3	38.1	8.78	3.80	9.45	23.1	27.7	8.27	24.8	1980
1981	48.6	85.2	41.2	28.5	53.8	36.8	12.6	8.52	7.82	20.6	24.6	19.3	36.7	1981
1982	23.1	71.8	42.2	8.80	32.5	1.48	26.1	7.28	18.3	80.6	24.8	17.4	28.9	1982
1983	52.8	46.1	83.8	0	88.7	78.0	1.28	0.952	8.08	66.2	84.1	28.1	42.5	1983
1984	51.8	58.1	25.8	15.7	14.8	47.1	43.2	0	0	12.5	32.5	25.9	25.9	1984
MEAN	37.0	41.3	42.7	29.8 R	55.7	40.7	24.6	13.7	21.0	28.2	25.3	28.7	32.3	MEAN

LOCATION - LAT 48 47 33 N
LONG 81 00 53 W
DRAINAGE AREA, 2 870 km²
REGULATED SINCE 1938
DATA CONTRIBUTED BY - ONTARIO HYDRO
R - REVISED SINCE JAN 1980

FREDERICK HOUSE RIVER AT FREDERICK HOUSE LAKE DAM - STATION NO. 04MD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	1938
1939	---	270 ON MAY 11	0 ON MAR 22 *	1 200 000	1939
1940	---	187 ON MAY 29	0 ON APR 24	1 020 000	1940
1941	---	159 ON AUG 30	0 ON APR 13	1 300 000	1941
1942	---	194 ON APR 28	0 ON SEP 5	920 000	1942
1943	---	154 ON JUN 19	0 ON APR 18	823 000	1943
1944	---	151 ON MAY 18	1.10 ON APR 30	932 000	1944
1945	---	181 ON MAY 30	0 ON DEC 12	1 080 000	1945
1946	---	209 ON MAY 27	0 ON APR 7	831 000	1946
1947	---	337 ON MAY 21	0.586 ON JUN 30	1 580 000	1947
1948	---	142 ON OCT 4	0.113 ON NOV 13	859 000	1948
1949	---	171 ON JUN 28	0 ON SEP 23	973 000	1949
1950	---	185 ON MAY 8	0 ON JAN 25	1 140 000	1950
1951	---	159 ON OCT 25	0.142 ON OCT 4	1 180 000	1951
1952	---	172 ON JAN 3	0 ON APR 23	886 000R	1952
1953	---	139 ON OCT 5	0 ON APR 21	1 080 000	1953
1954	---	176 ON OCT 19	0 ON MAY 2	1 250 000	1954
1955	---	82.4 ON JUN 30	0 ON APR 25	754 000	1955
1956	---	237 ON MAY 17	0 ON APR 21	1 050 000	1956
1957	---	385 ON JUL 1	0 ON APR 21	1 010 000	1957
1958	---	176 ON NOV 20	0 ON APR 15	852 000	1958
1959	---	131 ON MAY 13	0 ON APR 21	885 000	1959
1960	---	436 ON MAY 12 *	0 ON APR 23	1 280 000	1960
1961	---	234 ON SEP 2	0 ON APR 14	1 240 000	1961
1962	---	180 ON MAY 8	0 ON APR 12	1 020 000	1962
1963	---	167 ON JUN 22	0 ON APR 19	758 000	1963
1964	---	180 ON JUN 20	0 ON APR 23	1 220 000	1964
1965	---	178 ON SEP 24	0 ON APR 15	1 150 000	1965
1966	---	232 ON OCT 20	0 ON APR 19	1 170 000	1966
1967	---	213 ON MAY 7	0 ON MAY 17	1 410 000	1967
1968	---	164 ON JUN 13	0 ON APR 2	1 050 000	1968
1969	---	122 ON MAY 11	0 ON APR 18	973 000	1969
1970	---	105 ON JUN 4	0 ON APR 21	783 000	1970
1971	---	138 ON MAY 22	0 ON APR 20	943 000	1971
1972	---	158 ON JUN 4	0 ON APR 27	936 000	1972
1973	---	153 ON MAY 11	0 ON APR 4	837 000	1973
1974	---	155 ON MAY 18	0 ON APR 24	990 000	1974
1975	---	142 ON JUN 3	0 ON APR 23	758 000	1975
1976	---	385 ON APR 24	0 ON APR 6	921 000	1976
1977	---	214 ON APR 25	0 ON APR 2	758 000	1977
1978	---	257 ON MAY 16	0 ON APR 27	1 080 000	1978
1979	---	198 ON MAY 15	0 ON APR 18	1 170 000	1979
1980	---	115 ON MAY 3	0 ON JAN 20	789 000	1980
1981	---	79.9 ON MAR 3	0 ON APR 4	808 000	1981
1982	---	229 ON OCT 23	0 ON APR 20	913 000	1982
1983	---	250 ON MAY 27	0 ON APR 1	1 340 000	1983
1984	---	252 ON JUN 28	0 ON MAR 31	851 000	1984
				1 020 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

FREDERICK HOUSE RIVER AT FREDERICKHOUSE - STATION NO. 04MD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	18.5	21.8	76.7	81.4	48.6	---	1915
1916	58.3	59.8	50.7	102	241	59.3	42.4	16.4	9.29	12.4	51.0	118	69.2	1916
1917	126	36.4	12.1	45.2	229	145	76.2	53.0	26.3	31.6	25.8R	19.8	59.3R	1917
1918	12.8	8.45R	9.12R	45.5	168	102	70.1	11.9	44.1	102	78.1	46.2	58.5R	1918
1919	26.5	17.0	14.2	65.5	184	76.8	9.22	14.5	69.9	---	---	---	---	1919
MEAN	55.7	30.4 R	21.5 R	64.8	208	85.8	48.5	22.9	38.3	55.7	56.5R	57.9	65.7	MEAN

LOCATION - LAT 49 05 20 N LONG 81 09 15 W
DRAINAGE AREA, 3 260 km^2 REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO
R - REVISED SINCE JAN 1980

FREDERICK HOUSE RIVER AT FREDERICKHOUSE - STATION NO. 04MD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	328 ON MAY 3 *	7.65 ON SEP 5	2 190 000	1916
1917	---	287 ON MAY 5	9.34 ON MAR 16	2 190 000R	1917
1918	---	216 ON MAY 23	4.87 ON FEB 24 *	1 840 000R	1918
1919	---	215 ON MAY 24	---	---	1919
				2 070 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

FRENCH RIVER AT CHAUDIERE DAM - STATION NO. 02DD017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	115	102	82.6	143	185	85.2	89.1	57.5	68.6	103	117	127	105	1980
1981	108	85.5	89.2	158	150	38.8	22.6	7.88	74.6	114	148	128	95.4	1981
1982	107	75.4	28.1	67.8	42.1	8.55	8.57	8.26	11.5	98.4	143	151	62.5	1982
1983	145	116	83.4	35.1	162	148	11.7	14.6	41.3	123	87.5	129	89.7	1983
1984	104	84.5	86.6	39.4	23.1	157	157	48.7	66.8	54.1	119	143	91.9	1984
MEAN	115	97.1	68.0	88.7	115	89.7	53.8	27.4	52.6	98.5	125	136	88.9	MEAN

LOCATION - LAT 46 07 33 N
LONG 80 01 10 W REGULATED SINCE 1918

FRENCH RIVER AT CHAUDIERE DAM - STATION NO. 02DD017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	201 ON MAY 14 *	5.44 ON SEP 11	3 310 000	1980
1981	---	185 ON APR 28	7.66 ON JUL 25	3 010 000	1981
1982	---	162 ON OCT 18	8.11 ON SEP 16	1 970 000	1982
1983	---	194 ON JUN 10	7.05 ON APR 9 *	2 830 000	1983
1984	---	183 ON JUN 17	16.7 ON APR 21	2 810 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 810 000	MEAN

FRENCH RIVER AT DRY PINE BAY - STATION NO. 02DD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	91.8	197	117	184	133	128	178	313	269	---	1981
1982	188	203	172	138	231	87.6	43.3	26.1	25.8	27.2	74.7	151	114	1982
1983	183	148	104	235	104	101	51.7	43.1	40.3	37.4	115	188	112	1983
1984	187	88.8	82.3	190	189	88.7	41.8	38.9	40.6	147	135	208	113	1984
1985	172	180	183	194	216	76.1	46.4	129	151	316	320	338	192	1985
1986	322	267	205	162	161	92.2	74.9	42.0	57.8	85.0	238	358	172	1986
1987	348	338	257	380	341	237	117	76.5	48.9	107	316	335	239	1987
1988	278	221	187	208	104	43.8	38.8	56.2	111	189	152	173	145	1988
1989	191	232	188	174	258	229	130	75.7	90.1	114	353	348	200	1989
1970	278	205	188	185	277	382	351	212	86.0	184	344	282	244	1970
1971	211	184	180	268	280	131	31.4	27.8	31.9	88.3	104	207	146	1971
1972	227	204	180	214	372	240	115	125	257	173	230	255	216	1972
1973	237	230	288	218	321	231	185	78.3	68.5	91.4	204	252	198	1973
1974	280	218	205	248	229	242	134	86.3	86.6	116	295	322	197	1974
1975	282	228	201	234	248	79.4	85.5	39.6	30.2	44.8	124	297	156	1975
1976	258	201	198	311	344	186	70.8	46.5	35.3	58.4	148	184	188	1976
1977	148	184	202	204	178	84.5	38.1	36.3	97.7	303	291	314	169	1977
1978	225	193	193	201	181	124	81.1	50.8	70.6	322	291	264	181	1978
1979	208	185	238	381	485	418	142	138	148	141	332	330	262	1979
1980	264	181	99.8	327	378	157	115	88.9	140	280	315	299	222	1980
1981	225	208	193	342	359	201	147	82.9	144	219	290	248	220	1981
1982	224	172	115	287	221	37.2	30.8	27.1	30.1	158	288	343	162	1982
1983	357	274	139	176	408	385	108	48.4	84.8	220	187	290	221	1983
1984	222	202	233	183	135	309	249	98.3	126	166	345	358	219	1984
MEAN	238	203	183	230	281	177	104	73.4	88.8	186	242	275	186	MEAN

LOCATION - LAT 46 03 01 N DRAINAGE AREA, 13 900 km^2
LONG 80 34 26 W REGULATED

REMARKS - DAILY DISCHARGES OBTAINED BY SUMMATION OF FLOWS AT THE THREE OUTLETS

FRENCH RIVER AT DRY PINE BAY - STATION NO. 02DD010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	1981
1982	---	331 ON MAY 11	23.7 ON SEP 8 *	3 800 000	1982
1983	326 AT 15:00 EST ON APR 5	323 ON APR 5	37.4 ON OCT 2	3 540 000	1983
1984	283 AT 03:00 EST ON APR 28	283 ON APR 28	38.2 ON SEP 20	3 590 000	1984
1985	---	388 ON NOV 28	37.7 ON AUG 6	6 080 000	1985
1986	---	418 ON DEC 10	41.1 ON AUG 15	6 430 000	1986
1987	433 AT 18:00 EST ON APR 18	430 ON APR 18	30.5 ON SEP 25	7 550 000	1987
1988	340 AT 08:30 EST ON APR 5	340 ON APR 6	31.4 ON JUL 28	4 590 000	1988
1989	413 AT 08:30 EST ON NOV 4	413 ON NOV 4	41.6 ON AUG 12	6 300 000	1989
1970	419 AT 21:00 EST ON JUN 4	416 ON JUN 4	78.4 ON OCT 13	7 880 000	1970
1971	371 AT 19:07 EST ON APR 20	368 ON APR 20	26.6 ON AUG 9	4 810 000	1971
1972	413 AT 20:20 EST ON MAY 18	408 ON MAY 7	89.8 ON AUG 21	6 820 000	1972
1973	374 AT 02:34 EST ON MAY 12	371 ON APR 4	85.7 ON SEP 18	6 240 000	1973
1974	385 AT 18:09 EST ON NOV 26	385 ON NOV 25	44.5 ON AUG 1	6 220 000	1974
1975	345 AT 20:29 EST ON APR 25	345 ON APR 28	27.0 ON OCT 9	4 910 000	1975
1976	388 AT 00:16 EST ON MAY 21	388 ON MAY 20	32.0A ON SEP 22	5 320 000	1976
1977	351 AT 17:34 EST ON DEC 4	351E ON NOV 18	33.1 ON AUG 17	5 320 000	1977
1978	357 AT 19:38 EST ON OCT 11	357 ON OCT 11	47.0 ON AUG 14	5 700 000	1978
1979	526 AT 07:23 EST ON MAY 18 *	525 ON MAY 18 *	49.2 ON JUL 24	8 270 000	1979
1980	484 AT 18:41 EST ON APR 17	484 ON APR 17	47.4 ON SEP 12	7 020 000	1980
1981	400 AT 03:11 EST ON APR 9	385 ON MAY 14	57.7 ON AUG 28	5 930 000	1981
1982	408 AT 21:49 EST ON DEC 29	408 ON DEC 29	25.1 ON AUG 31	5 100 000	1982
1983	453 AT 00:31 EST ON JUN 3	452 ON JUN 2	37.7 ON SEP 13	5 880 000	1983
1984	371 AT 21:14 EST ON DEC 21	369 ON DEC 21	81.2 ON AUG 22	5 910 000	1984
				5 880 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX) E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

FRENCH RIVER AT FRENCH RIVER - STATION NO. 02DD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1930	---	---	---	---	---	---	341	224	71.0	70.2	109	198	---	1930
1931	180	128	113	171	131	140	89.0	60.3	59.5	61.5	125	262	123	1931
1932	235	210	186	265	193	130	70.2	63.8	81.2	144	328	300	182	1932
1933	272	224	188	313	344	215	89.9	63.8	58.4	58.7	183	179	178	1933
1934	149	127	114	215	302	138	84.4	67.2	87.7	95.7	204	282	155	1934
1935	225	182	165	232	180	96.9	154	85.3	59.0	59.5	88.4	219	142	1935
1936	176	148	140	234	327	278	84.8	85.2	64.6	74.8	221	198	167	1936
1937	227	195	188	284	322	138	73.6	86.2	65.9	88.9	183	249	172	1937
1938	206	187	213	396	380	271	71.8	76.3	68.2	87.4	147	211	181	1938
1939	182	158	143	234	343	300	92.1	66.9	63.8	85.8	178	210	169	1939
1940	187	138	119	124	113	180	143	129	216	94.8	227	257	155	1940
1941	218	183	159	294	304	75.2	67.7	110	59.7	71.3	324	303	183	1941
1942	280	202	181	353	318	223	67.8	58.4	57.7	80.0	110	197	174	1942
1943	158	137	134	243	364	344	210	71.8	86.8	73.0	101	227	180	1943
1944	184	153	138	180	217	78.8	54.0	46.4	43.9	186	82.9	194	127	1944
1945	185	139	183	187	92.5	318	87.6	41.8	43.3	115	283	249	158	1945
1946	218	195	257	297	183	171	89.8	39.5	38.8	38.0	104	238	151	1946
1947	205	176	158	328	414	432	378	252	117	212	178	189	254	1947
1948	183	130	147	303	234	117	112	47.5	31.0	43.3	201	288	149	1948
1949	230	208	202	347	318	222	171	59.7	33.6	46.7	79.3	228	178	1949
1950	217	189	175	255	227	103	76.8	89.2	72.7	81.1	223	233	161	1950
1951	187	178	174	480	377	85.0	181	58.8	51.8	225	490	384	237	1951
1952	318	289	210	287	140	144	78.5	180	83.5	102	111	305	185	1952
1953	294	246	282	371	257	86.1	76.5	61.6	58.1	57.0	58.4	171	158	1953
1954	158	139	232	295	288	350	248	44.0	39.5	315	357	325	231	1954
1955	318	241	206	281	88.8	53.6	51.9	46.4	45.4	43.5	289	301	181	1955
1956	148	89.8	141	225	214	228	81.9	72.7	172	278	222	288	180	1956
1957	258	203	184	114	110	141	343	158	106	180	332	343	204	1957
1958	324	294	217	122	85.4	85.4	71.7	85.1	84.0	86.9	115	236	138	1958
1959	200	147	138	187	271	180	80.8	84.5	188	238	326	338	194	1959
1960	314	240	180	227	428	396	394	255	48.4	227	327	235	274	1960
1961	232	130	47.3	83.9	198	117	182	134	128	175	314	389	167	1961
1962	188	203	173	138	230	89.8	43.5	26.0	25.5	---	---	---	---	1962
MEAN	217	181	172	252	247	184	132	87.2	74.2	115	205	253	177	MEAN

LOCATION - LAT 46 01 14 N DRAINAGE AREA, 13 900 km^2
LONG 80 34 23 W REGULATED

FRENCH RIVER AT FRENCH RIVER - STATION NO. 02DD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1930	---	---	---	---	1930
1931	---	282 ON NOV 20	53.5 ON OCT 5	3 890 000	1931
1932	---	345 ON NOV 15	58.5 ON SEP 17	5 750 000	1932
1933	---	378 ON APR 18	54.4 ON OCT 18	5 630 000	1933
1934	---	334 ON NOV 25	64.0 ON AUG 28	4 880 000	1934
1935	---	287 ON MAY 3	58.0 ON SEP 28	4 480 000	1935
1936	---	334 ON MAY 11	60.0 ON SEP 6	5 300 000	1936
1937	---	361 ON APR 28	62.0 ON SEP 9	5 420 000	1937
1938	---	447 ON APR 2	65.1 ON SEP 8	5 030 000	1938
1939	---	394 ON APR 28	60.3 ON OCT 4	5 340 000	1939
1940	---	317 ON NOV 23	71.6 ON JUL 27	5 020 000	1940
1941	---	430 ON APR 22	67.8 ON SEP 15	5 770 000	1941
1942	---	391 ON APR 7	53.0 ON OCT 20	5 480 000	1942
1943	---	381 ON MAY 4	58.2 ON AUG 31	5 690 000	1943
1944	---	278 ON MAY 7	41.9 ON AUG 28	4 010 000	1944
1945	---	337 ON JUN 11	38.2 ON AUG 24	4 990 000	1945
1946	---	382 ON MAR 31	37.1 ON OCT 2	4 770 000	1946
1947	---	447 ON JUN 16	78.4 ON SEP 11	5 020 000	1947
1948	---	340 ON APR 10	28.4 ON SEP 28	4 710 000	1948
1949	---	382 ON APR 18	32.6 ON SEP 11	5 830 000	1949
1950	---	377 ON NOV 28	38.5 ON AUG 26	5 080 000	1950
1951	---	580 ON APR 13 *	43.9 ON JUN 27	7 470 000	1951
1952	---	398 ON APR 19	82.9 ON JUL 14	5 840 000	1952
1953	---	398 ON MAR 28	85.5 ON NOV 7	5 300 000	1953
1954	---	430 ON OCT 18	30.6 ON SEP 3	7 290 000	1954
1955	---	384 ON APR 18	38.6 ON OCT 5	5 080 000	1955
1956	---	328 ON NOV 28	44.5 ON JAN 27	5 700 000	1956
1957	---	381 ON DEC 22	47.6 ON SEP 2	5 430 000	1957
1958	---	351 ON JAN 1	47.6 ON AUG 29	4 380 000	1958
1959	---	354 ON DEC 18	51.5 ON JUL 18	5 130 000	1959
1960	---	478 ON MAY 28	32.6 ON SEP 25	5 670 000	1960
1961	---	360 ON NOV 5	27.9 ON MAR 14 *	5 280 000	1961
1962	---	334 ON MAY 11	---	---	1962
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 590 000	MEAN

FRENCH RIVER AT LAKE NIPISSING - STATION NO. 02DD007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	81.8	135	87.7	53.4	255	482	355	---	1951
1952	283	250	192	188	112	124	78.3	158	78.7	98.6	116	278	184	1952
1953	278	233	221	321	217	73.3	76.0	64.6	81.3	58.6	82.8	189	152	1953
1954	148	128	178	192	213	314	209	92.0	52.4	266	304	287	183	1954
1955	291	227	188	186	47.8	80.9	49.3	44.5	38.6	33.2	248	281	140	1955
1956	108	82.6	143	188	178	183	84.6	71.9	187	248	197	263	158	1956
1957	240	184	132	80.8	82.0	135	323	119	108	181	288	293	178	1957
1958	289	278	194	73.3	88.1	88.7	87.4	81.4	82.6	88.7	123	224	126	1958
1959	182	140	118	87.0	243	138	88.6	84.8	178	223	280	303	167	1959
1960	290	219	195	121	378	381	358	208	83.8	240	278	214	242	1960
1961	207	168	33.6	33.4	172	109	172	108	86.8	193	282	240	147	1961
1962	170	187	150	83.8	188	70.7	38.3	28.1	24.8	28.4	85.8	148	98.9	1962
1963	173	134	84.8	132	78.8	82.8	80.0	42.4	39.4	38.4	131	177	97.0	1963
1964	142	48.6	84.7	141	188	49.8	41.6	38.8	39.8	148	143	180	99.4	1964
1965	151	141	188	110	187	84.1	44.0	138	156	298	289	294	188	1965
1966	290	243	188	118	118	83.0	82.7	43.0	81.8	83.8	219	308	180	1966
1967	327	310	234	248	310	218	88.0	78.4	36.1	109	288	288	209	1967
1968	261	198	184	114	82.2	38.9	31.8	80.3	107	184	148	182	123	1968
1969	178	217	170	89.3	248	182	88.7	84.9	87.4	123	279	287	167	1969
1970	267	194	151	78.3	241	381	313	179	81.3	188	303	280	214	1970
1971	188	178	177	170	231	84.5	28.1	28.5	32.0	78.8	100	184	124	1971
1972	203	183	171	113	320	207	85.3	127	238	170	210	223	189	1972
1973	201	213	223	180	282	218	130	77.0	88.8	87.8	184	238	173	1973
1974	238	188	181	180	188	211	102	83.8	48.7	120	271	288	173	1974
1975	287	218	181	188	188	78.0	83.0	41.2	33.3	82.8	124	248	137	1975
1976	248	188	153	213	308	148	88.8	42.8	31.1	70.0	143	182	148	1976
1977	143	183	182	142	180	82.8	38.8	38.7	108	288	247	281	148	1977
1978	184	181	178	138	134	108	88.8	45.8	88.4	281	384	238	188	1978
1979	201	183	183	288	478	412	118	130	181	141	288	288	240	1979
1980	267	187	88.8	244	332	140	111	88.8	180	288	288	278	201	1980
1981	218	183	188	282	288	182	118	84.0	131	213	287	221	182	1981
1982	214	181	187	200	172	30.4	30.8	27.2	28.8	188	271	300	143	1982
1983	323	281	81.8	138	288	240	100	80.3	88.2	214	188	288	187	1983
1984	188	178	204	84.2	118	273	218	80.2	117	183	208	327	188	1984
MEAN	223	188	187	181	208	184	107	78.0	83.4	158	224	281	184	MEAN

DRAINAGE AREA, 12 300 km^2
REGULATED SINCE 1918

REMARKS - FOR 1951-1981 DISCHARGES WERE SUM OF 02DD018, 17, 18, AND 19. FROM 1982 USE 02DD018, 17, AND 20

FRENCH RIVER AT LAKE NIPISSING - STATION NO. 02DD007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1951	---	---	---	---	1951
1952	---	317 ON JAN 23	42.8 ON JUL 31	5 190 000	1952
1953	---	362 ON APR 21	55.8 ON NOV 22	4 780 000	1953
1954	---	343 ON JUN 27	27.3 ON AUG 20	5 050 000	1954
1955	---	311 ON JAN 15	22.7 ON OCT 14	4 410 000	1955
1956	---	300 ON OCT 8	28.8 ON JAN 14	4 990 000	1956
1957	---	337 ON JUL 5	30.8 ON APR 17	5 820 000	1957
1958	---	309 ON JAN 25	44.7 ON SEP 22	3 880 000	1958
1959	---	337 ON DEC 22	27.8 ON APR 25	5 280 000	1959
1960	---	433 ON MAY 27	33.7 ON SEP 14	7 880 000	1960
1961	---	340 ON NOV 4	10.6 ON MAR 2 *	4 630 000	1961
1962	---	306 ON MAY 10	20.2 ON MAR 31	3 120 000	1962
1963	---	187 ON APR 8	30.0 ON OCT 31	3 080 000	1963
1964	---	240 ON OCT 7	32.3 ON FEB 12	3 140 000	1964
1965	---	333 ON SEP 30	27.8 ON AUG 8	5 290 000	1965
1966	---	328 ON DEC 31	39.1 ON OCT 7	4 740 000	1966
1967	---	334 ON FEB 4	26.8 ON SEP 12	6 590 000	1967
1968	---	294 ON JAN 1	25.4 ON JUN 2	3 900 000	1968
1969	---	337 ON OCT 31	35.7 ON JUL 25	5 270 000	1969
1970	---	374 ON JUN 10	31.7 ON APR 18	8 750 000	1970
1971	---	247 ON MAY 10	27.9 ON JUL 28	3 910 000	1971
1972	---	371 ON JUN 2	45.3 ON APR 21	5 990 000	1972
1973	---	309 ON MAY 23	88.5 ON SEP 19	5 470 000	1973
1974	---	311 ON DEC 1	30.3 ON JUL 27	5 480 000	1974
1975	---	278 ON JAN 1	30.9 ON OCT 11	4 340 000	1975
1976	---	357 ON JUN 1	30.3 ON SEP 3	4 630 000	1976
1977	---	311 ON OCT 1	34.0 ON JUL 21	4 670 000	1977
1978	---	309 ON OCT 28	44.2 ON AUG 16	4 910 000	1978
1979	---	524 ON MAY 13 *	55.2 ON JUL 22	7 580 000	1979
1980	---	354 ON MAY 14	48.5 ON SEP 10	5 380 000	1980
1981	---	345 ON APR 30	61.5 ON AUG 27	5 040 000	1981
1982	---	325 ON DEC 28	25.1 ON SEP 1	4 500 000	1982
1983	---	412 ON JUN 7	31.8 ON SEP 12	5 200 000	1983
1984	---	339 ON DEC 19	63.4 ON APR 11	5 990 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 170 000	MEAN

FRENCH RIVER AT PORTAGE DAM - STATION NO. 02DD016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	107	44.2	13.2	63.2	97.5	18.6	14.7	14.8	28.1	64.3	89.9	103	55.4	1980
1981	78.5	66.0	26.4	39.4	61.2	95.1	70.3	32.4	32.1	30.4	61.2	61.1	51.8	1981
1982	78.6	66.6	61.8	95.9	60.1	3.16	3.27	3.23	3.22	36.9	67.6	66.1	48.9	1982
1983	121	99.8	4.49	27.6	90.4	101	65.9	15.2	5.30	30.3	14.6	89.4	55.3	1983
1984	65.9	58.7	66.0	12.1	23.0	45.6	34.0	6.99	21.0	32.6	110	122	51.4	1984
MEAN	90.2	67.1	36.0	47.6	66.4	52.3	37.6	14.6	17.6	38.7	66.6	90.7	52.6	MEAN

LOCATION - LAT 46 07 22 N
LONG 80 00 46 W REGULATED SINCE 1948

FRENCH RIVER AT PORTAGE DAM - STATION NO. 02DD016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	116 ON JAN 1	13.1 ON MAR 14	1 750 000	1980
1981	---	117 ON JUN 17	10.8 ON APR 14	1 630 000	1981
1982	---	135 ON APR 25	3.01 ON MAY 24	1 540 000	1982
1983	---	142 ON JAN 25 *	2.90 ON MAR 4	1 740 000	1983
1984	---	141 ON DEC 29	1.49 ON APR 11 *	1 830 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 680 000	MEAN

GALT CREEK AT GALT - STATION NO. 02GA009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	0.742	0.784	1.04	1.28	1.07	---	1913
1914	1.08	0.434	2.60	1.31	0.980	0.373	0.259	0.363	0.448	0.388	0.816	1.08	0.638	1914
1915	0.814	1.26	1.89	1.09	0.572	0.394	0.884	1.85	0.838	0.840	0.778	0.845	0.971	1915
1916	2.44	2.38	1.81	2.93	2.01	1.56	0.483	0.344	---	---	---	---	---	1916
MEAN	1.45	1.38	2.10	1.78	1.18	0.778	0.672	0.772	0.717	0.769	0.853	0.932	0.865	MEAN

LOCATION - LAT 43 21 37 N
LONG 80 16 37 W
DRAINAGE AREA, 117 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO HYDRO

GALT CREEK AT GALT - STATION NO. 02GA008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	8.64 ON MAR 18	0.227 ON JUL 7 *	25 500	1914
1915	---	5.37 ON AUG 5	0.283 ON JUN 29	30 600	1915
1916	---	9.50 ON MAR 29 *	---	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		28 800	MEAN

GANARASKA RIVER ABOVE DALE - STATION NO. 02HD012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	---	---	---	1.84	---	1976
1977	1.33	1.81	7.52	3.84	1.84	1.71	1.52	1.98	2.48	2.85	4.45	4.53	2.99	1977
1978	4.55	1.89	4.43	8.85	3.77	1.98	1.85	1.83	2.31	2.43	2.75	1.88	3.21	1978
1979	2.47	1.89	8.77	5.54	2.99	1.90	1.56	1.81	1.78	2.38	2.79	3.20	3.08	1979
1980	2.81	1.19	10.0	6.14	2.48	2.62	3.33	3.00	2.47	3.38	3.21	3.36	3.59	1980
1981	2.22	9.43	3.54	3.87	3.19	2.28	2.10	3.24	2.88	3.42	3.60	2.80	3.41	1981
1982	2.87	1.70	8.03	8.25	2.87	3.13	2.08	1.88	2.13	2.30	3.46	3.73	3.52	1982
1983	3.20	4.37	4.10	4.52	4.52	2.23	1.68	1.80	1.78	2.53	3.03	3.27	3.07	1983
1984	2.18	7.30	4.88	6.80	3.36	3.07	1.81	1.85	2.22	2.03	2.87	2.85	3.28	1984
MEAN	2.85	3.89	6.36	5.93	3.13	2.26	1.99	1.90	2.26	2.86	3.25	3.08	3.27	MEAN

LOCATION - LAT 43 58 26 N
LONG 78 19 43 W
DRAINAGE AREA, 232 km^2
NATURAL FLOW

GANARASKA RIVER ABOVE DALE - STATION NO. 02HD012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	---	---	1976
1977	62.8 AT 12:05 EST ON MAR 13	39.9 ON MAR 13	1.21 ON JUL 20	94 200	1977
1978	48.4 AT 20:01 EST ON APR 1	26.4 ON APR 1	1.00 B ON DEC 30	101 000	1978
1979	45.1 AT 14:15 EST ON MAR 14	29.4 ON MAR 14	1.27 ON JUL 24	97 300	1979
1980	---	128 E ON MAR 21 *	0.880B ON MAR 18 *	114 000	1980
1981	---	47.08 ON FEB 20	1.60 ON JUL 17	108 000	1981
1982	88.9 AT 21:38 EST ON MAR 31	34.1 ON APR 3	1.35 B ON FEB 11	111 000	1982
1983	48.2 AT 05:30 EST ON FEB 3	27.58 ON FEB 3	1.41 ON AUG 21	97 000	1983
1984	100 AT 18:20 EST ON FEB 14 *	87.08 ON FEB 14	1.37 ON AUG 26	104 000	1984
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		103 000	MEAN

GANARASKA RIVER AT PORT HOPE - STATION NO. 02HD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	4.32	3.30	---	---	1945
1946	---	---	21.4	2.32	2.58	1.82	1.25	1.37	1.90	2.35	2.41	3.33	---	1946
1947	4.23	2.98	---	8.87	4.71	5.30	3.28	2.30	2.14	2.18	2.82	4.83	---	1947
1948	---	---	20.3	5.58	4.03	2.87	2.38	2.30	2.12	2.77	3.71	2.88	---	1948
1949	5.48	24.1	5.45	4.49	2.37	1.82	1.73	1.80	2.28	2.47	2.82	3.38	4.70	1949
1950	3.23	0.986	18.8	11.2	2.51	2.24	1.77	2.11	1.88	1.72	1.72	2.82	4.37	1950
1951	7.31	8.25	10.5	7.88	0.836	1.02	1.42	1.78	2.00	1.84	---	---	---	1951
MEAN	5.08	9.08	15.5	6.88	2.84	2.45	1.87	1.84	2.08	2.48	2.73	3.49	4.84	MEAN

LOCATION - LAT 43 58 06 N
LONG 78 17 43 W
DRAINAGE AREA, 267 km^2
NATURAL FLOW

GANARASKA RIVER AT PORT HOPE - STATION NO. 02HD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	83.59 ON MAR 7	0.850 ON SEP 7	---	1946
1947	---	---	---	---	1947
1948	---	87.28 ON MAR 19	1.64 ON SEP 4	---	1948
1949	---	113 B ON FEB 15 *	1.13 B ON DEC 29	148 000	1949
1950	---	97.48 ON MAR 28	0.538B ON JAN 19 *	138 000	1950
1951	---	36.28 ON JAN 21	---	---	1951
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		143 000	MEAN

GANARASKA RIVER NEAR DALE - STATION NO. 02HD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	1.30	1.20	1.23	1.46	1.93	2.97	---	1950
1951	7.08	8.03	6.03	7.77	2.72	2.44	2.44	1.47	1.92	2.11	3.93	3.08	4.05	1951
1952	5.95	5.58	11.9	8.86	6.56	3.15	2.43	2.49	2.60	2.40	3.43	4.01	4.98	1952
1953	3.08	2.72	5.51	3.87	4.67	2.34	2.18	1.73	2.30	1.93	2.54	2.48	2.98	1953
1954	2.55	11.1	7.61	7.54	2.58	1.78	1.26	1.55	2.17	3.14	3.88	5.21	4.15	1954
1955	4.59	2.83	14.7	5.48	2.14	1.03	1.03	1.53	1.17	4.75	3.89	2.37	3.79	1955
1956	2.89	2.78	9.93	9.92	5.32	2.29	1.42	1.21	1.99	1.28	1.48	2.67	3.80	1956
1957	5.50	5.44	8.08	8.07	4.25	3.42	1.83	1.24	2.07	1.97	2.60	4.89	3.75	1957
1958	2.48	1.88	8.44	4.02	1.98	1.84	1.01	0.996	1.55	1.48	2.04	2.48	2.52	1958
1959	2.12	2.82	7.25	11.8	3.99	1.53	1.23	1.21	1.38	1.98	2.43	3.24	3.40	1959
1960	2.00	4.28	3.61	12.1	7.78	3.53	2.81	2.14	1.84	2.11	2.92	2.01	3.92	1960
1961	1.48	5.49	6.79	5.19	3.05	3.15	2.21	1.94	1.81	1.73	2.27	2.32	3.10	1961
1962	2.40	2.15	6.37	3.45	2.58	1.63	1.48	1.50	1.59	2.05	2.75	1.77	2.48	1962
1963	1.89	1.67	6.82	3.40	3.77	1.83	1.35	1.53	1.61	1.45	1.86	2.31	2.42	1963
1964	2.72	2.21	4.36	3.81	2.18	1.50	2.02	1.73	1.32	1.45	1.41	3.38	2.33	1964
1965	2.35	6.20	6.11	8.58	2.03	1.27	1.73	1.37	1.41	2.62	3.46	3.74	3.38	1965
1966	2.03	3.52	7.22	3.51	2.47	1.63	1.01	1.21	1.48	1.35	3.40	4.09	2.74	1966
1967	4.82	2.13	6.14R	5.65	3.10	3.28	2.56	1.76	2.03	3.42	4.48	4.02	3.63R	1967
1968	2.95	4.91	8.65	3.71	3.48	2.22	1.52	1.72	1.81	1.94	3.05	3.42	3.28	1968
1969	6.40	3.74	8.73	5.91	3.86	2.26	1.91	2.19	1.47	1.86	2.79	2.86	3.50	1969
1970	1.82	2.75	4.99	5.81	3.11	1.98	1.94	1.62	1.78	2.16	2.89	3.11	2.83	1970
1971	2.01	3.28	4.10	9.17	2.81	2.32	1.86	1.71	1.97	2.09	2.16	3.15	3.03	1971
1972	3.47	2.01	4.82	13.4	3.36	2.41	2.24	2.33	1.92	2.78	3.58	4.38	3.86	1972
1973	4.70	4.02	8.46	8.05	4.08	2.84	1.74	1.81	1.85	2.30	3.35	2.85	3.86	1973
1974	3.52	2.71	5.62	5.25	4.36	2.82	2.54	1.99	2.08	2.25	2.70	2.87	3.28	1974
1975	3.27	5.13	8.37	5.51	---	---	---	---	---	---	---	---	---	1975
MEAN	3.35	3.97	7.06R	6.67	3.58	2.25	1.79	1.65	1.77	2.16	2.84	3.17	3.36	MEAN

LOCATION - LAT 43 59 07 N DRAINAGE AREA, 262 km²
LONG 78 18 06 W NATURAL FLOW

R - REVISED SINCE JAN 1980

GANARASKA RIVER NEAR DALE - STATION NO. 02HD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	---	51.3 ON JAN 4	0.736 ON SEP 28	128 000	1951
1952	---	85.88 ON MAR 11	1.10 ON SEP 14	157 000	1952
1953	---	24.2 ON MAY 2	1.08 ON AUG 22	93 300	1953
1954	---	54.98 ON FEB 15	0.981 ON JUL 19	131 000	1954
1955	---	95.6 ON MAR 11 *	0.481 ON JUL 13 *	120 000	1955
1956	---	80.98 ON MAR 5	0.823 ON AUG 11	114 000	1956
1957	---	43.9 ON FEB 27	0.876 ON OCT 12	118 000	1957
1958	---	12.78 ON MAR 2	0.510 ON AUG 1	78 500	1958
1959	---	90.38 ON APR 2	0.787 ON AUG 1	107 000	1959
1960	84.7 AT 19:00 EST ON MAY 9	48.7 ON MAY 9	1.53 B ON DEC 26	124 000	1960
1961	33.1 AT 22:00 EST ON MAR 25	15.7 ON MAR 25	1.27 B ON FEB 1	97 700	1961
1962	29.7 AT 16:30 EST ON NOV 10	14.1 ON NOV 10	1.17 ON JUL 14	78 300	1962
1963	68.68 AT 06:00 EST ON MAR 25	28.28 ON MAR 25	1.05 ON JUL 13	76 200	1963
1964	---	27.1 ON DEC 25	1.05 ON AUG 17	73 800	1964
1965	77.9 AT 23:00 EST ON APR 7	45.08 ON FEB 10	1.02 ON JUN 27	107 000	1965
1966	47.68 AT 15:00 EST ON MAR 1	28.38 ON MAR 1	0.789 ON AUG 10	85 300	1966
1967	40.8 AT 04:00 EST ON APR 3	22.98 ON JAN 25	1.37 ON JUN 5	114 000R	1967
1968	40.58 AT 16:00 EST ON FEB 2	27.28 ON MAR 17	1.22 ON JUL 30	104 000	1968
1969	47.38 AT 17:00 EST ON MAR 18	25.68 ON JAN 31	1.14 ON JUL 23	110 000	1969
1970	19.6 AT 18:00 EST ON APR 20	11.3 ON MAR 26	1.31 ON AUG 10	88 200	1970
1971	30.3 AT 23:30 EST ON APR 9	20.6 ON APR 10	1.41 ON AUG 8	85 500	1971
1972	53.2 AT 13:00 EST ON APR 13	42.5 ON APR 13	1.42 B ON DEC 3	123 000	1972
1973	---	23.6 ON APR 2	1.32 ON JUL 24	115 000	1973
1974	52.4 AT 10:28 EST ON APR 4	38.58 ON MAR 5	1.27 B ON JAN 18	103 000	1974
1975	87.6 AT 22:53 EST ON MAR 19 *	48.2 ON MAR 19	---	---	1975
				108 000R	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

GANARASKA RIVER NEAR OSACA - STATION NO. 02HD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	---	0.581	0.778	0.783	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	0.801	0.839	1.14	---	1959
1960	0.738	1.51	1.04	3.39	2.18	1.15	0.878	0.812	0.727	0.878	1.15	0.824	1.27	1960
1961	0.785	1.83	1.80	1.61	1.28	1.15	0.780	0.658	0.685	0.825	0.848	1.01	1.08	1961
1962	0.987	0.805	1.84	1.34	0.890	0.787	0.678	0.584	0.533	0.968	1.36	0.743	0.987	1962
1963	0.548	0.555	2.04	1.38	1.38	0.701	0.582	0.621	0.628	0.830	0.909	1.15	0.830	1963
1964	1.35	0.880	1.50	1.48	0.852	0.648	0.999	0.901	0.551	0.878	0.788	1.37	1.00	1964
1965	1.04	2.78	2.77	2.56	0.839	0.543	0.638	0.492	0.584	0.990	1.29	1.76	1.35	1965
1966	0.779	1.07	2.24	1.11	0.890	0.695	0.398	0.456	0.587	0.618	1.07	1.33	0.837	1966
1967	1.82	0.821	2.22	1.85	0.995	1.09	0.814	0.686	0.688	1.02	1.26	1.25	1.20	1967
1968	1.12	1.55	2.87	1.46	1.21	0.831	0.560	0.715	0.724	0.782	1.25	1.18	1.19	1968
1969	2.33	1.41	1.84	1.84	1.18	0.868	0.787	0.882	0.635	0.770	1.05	0.893	1.19	1969
1970	0.588	0.907	1.92	1.82	1.11	0.813	0.750	0.548	0.823	0.824	1.04	1.02	0.995	1970
1971	0.819	1.38	1.20	2.40	0.547	0.807	0.678	0.593	0.692	0.748	0.833	1.12	1.01	1971
1972	1.15	0.597	1.13	3.80	1.20	0.920	0.841	0.812	0.764	1.04	1.25	1.38	1.25	1972
1973	1.24	1.01	2.80	1.83	1.29	0.931	0.814	0.699	0.684	0.894	1.25	0.942	1.15	1973
1974	1.36	1.18	1.97	1.87	1.39	0.931	0.814	0.710	0.721	0.821	1.06	0.948	1.15	1974
1975	1.14	1.30	2.28	1.53	0.904	0.767	0.654	0.610	0.738	0.674	0.822	0.889	1.03	1975
1976	1.00	1.27	2.28	1.63	1.38	0.883	0.885	0.658	0.778	0.871	0.905	0.877	1.11	1976
1977	0.475	0.885	2.43	1.35	0.747	0.720	0.619	0.802	0.859	0.991	1.52	1.29	1.05	1977
1978	1.02	0.437	1.12	2.81	1.41	0.848	0.804	0.611	0.895	1.11	1.15	0.893	1.13	1978
1979	0.785	0.552	2.84	1.89	1.21	0.838	0.711	0.845	0.785	0.958	1.08	1.11	1.12	1979
1980	0.825	0.381	2.68	2.02	1.12	1.36	1.03	0.686	1.11	1.37	1.27	1.18	1.27	1980
1981	0.918	3.42	1.30	1.33	1.25	0.950	0.935	0.961	1.21	1.43	1.35	1.10	1.33	1981
1982	0.805	0.450	1.58	2.83	1.09	1.30	0.878	0.728	0.845	0.875	1.22	1.29	1.17	1982
1983	1.13	1.72	1.45	1.71	1.52	0.877	0.668	0.773	0.771	1.00	1.29	1.22	1.17	1983
1984	0.886	2.40	1.90	2.41	1.42	0.888	0.807	0.808	1.05	0.938	1.21	1.30	1.31	1984
MEAN	1.01	1.23	1.94	1.98	1.19	0.898	0.759	0.720	0.783	0.891	1.12	1.11	1.13	MEAN

LOCATION - LAT 44 00 56 N DRAINAGE AREA, 67.3 km²
LONG 78 28 17 W REGULATED

GANARASKA RIVER NEAR OSACA - STATION NO. 02HD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	10.1 ON MAY 9	0.6518 ON JAN 24	40 200	1960
1961	---	6.268 ON FEB 28	0.5108 ON FEB 2	33 600	1961
1962	---	11.8 ON NOV 10	0.221 ON SEP 15 *	30 500	1962
1963	---	8.508 ON MAR 26	0.419 ON JUL 27	29 400	1963
1964	---	8.47 ON JUL 13	0.398 ON JUL 31	31 800	1964
1965	---	19.8 B ON FEB 10	0.419 ON JUL 29	42 400	1965
1966	---	11.3 B ON MAR 1	0.292 ON JUL 26	29 500	1966
1967	---	7.85 ON JAN 25	0.3968 ON JAN 20	38 000	1967
1968	18.5 B AT 19:00 EST ON MAR 18	9.058 ON MAR 17	0.408 ON JUL 29	37 500	1968
1969	18.2 B AT 20:58 EST ON MAR 18	8.219 ON JAN 31	0.422 ON JUL 22	37 500	1969
1970	8.47 AT 14:59 EST ON APR 20	3.85 ON MAR 20	0.405 ON AUG 15	31 400	1970
1971	8.18 AT 23:18 EST ON APR 9	5.18 ON APR 10	0.501 ON AUG 7	31 800	1971
1972	14.1 AT 12:00 EST ON APR 13	10.2 ON APR 12	0.4838 ON FEB 20	39 500	1972
1973	---	10.2 B ON MAR 4	0.490 ON JUL 22	36 200	1973
1974	17.8 AT 07:33 EST ON APR 4	11.6 E ON MAR 5	0.5248 ON JAN 18	38 400	1974
1975	20.1 AT 21:18 EST ON MAR 19	11.4 ON MAR 19	0.2618 ON FEB 15	32 300	1975
1976	14.8 AT 08:40 EST ON MAR 21	12.1 ON MAR 21	0.4878 ON DEC 30	35 100	1976
1977	20.9 AT 10:14 EST ON MAR 13	13.0 ON MAR 13	0.4398 ON JAN 17	33 200	1977
1978	11.6 AT 21:38 EST ON JUL 23	8.35 ON APR 7	0.3348 ON MAR 13	35 500	1978
1979	13.0 AT 11:30 EST ON MAR 14	8.81 ON MAR 14	0.4508 ON FEB 12	35 300	1979
1980	---	33.0 E ON MAR 21 *	0.3488 ON MAR 18	40 200	1980
1981	---	12.5 B ON FEB 20	0.844 ON JUL 17	42 000	1981
1982	---	20.0 E ON APR 3	0.3608 ON MAR 3	38 800	1982
1983	25.9 AT 00:00 EST ON FEB 3	8.20E ON FEB 3	0.578 ON JUL 28	37 000	1983
1984	28.1 AT 10:33 EST ON APR 5 *	20.0 B ON FEB 14	0.5608 ON JAN 20	41 400	1984
				35 800	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

GANATSEKIAGON CREEK NEAR BROUGHAM - STATION NO. 02HC042

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	0	0	0	0	0	---	1974
1975	0.001	0.033	0.008	0.004	0	0	0	0	0	0	0	0	0.004	1975
1976	0	0.031	0.107	0.018	0.018	0.001	---	---	---	---	---	---	---	1976
MEAN	0.001	0.032	0.058	0.010	0.010	0.001	0	0	0	0	0	0	0.004	MEAN

LOCATION - LAT 43 54 41 N
LONG 78 08 22 W NATURAL FLOW

GANATSEKIAGON CREEK NEAR BROUGHAM - STATION NO. 02HC042

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	0 ON JUL 18 *	---	1974
1975	1.43 AT 14:40 EST ON FEB 24	0.558 ON FEB 24	0 ON JAN 1	115	1975
1976	1.68 AT 15:11 EST ON MAR 20 *	0.899 ON MAR 20 *	0 ON JAN 1	---	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		115	MEAN

GANATSEKIAGON CREEK NEAR PICKERING - STATION NO. 02HC114

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	0.088	0.058	0.043	0.049	0.045	0.048	---	1976
1977	---	---	0.381	0.204	0.051	0.033	0.033	0.032	0.055	0.122	0.222	---	---	1977
1978	---	---	---	0.507	0.178	0.050	0.035	0.036	0.036	0.035	---	---	---	1978
1979	---	---	---	0.288	0.095	0.039	0.033	0.030	0.023	0.029	0.045	0.136	---	1979
1980	---	---	---	---	0.080	0.083	0.084	0.038	0.045	0.059	0.083	---	---	1980
1981	---	---	0.112	0.103	0.082	0.040	0.027	0.044	---	---	0.155	---	---	1981
MEAN	---	---	0.252	0.276	0.093	0.045	0.044	0.040	0.042	0.059	0.108	0.092	---	MEAN

LOCATION - LAT 43 51 35 N LONG 79 05 10 W
DRAINAGE AREA, 13.5 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

GANATSEKIAGON CREEK NEAR PICKERING - STATION NO. 02HC114

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	0.034 ON SEP 8	---	1976
1977	---	1.66 ON MAR 13	0.014 ON JUL 26	---	1977
1978	---	2.35 ON APR 7 *	0.027 ON SEP 2	---	1978
1979	---	1.53 ON DEC 25	0.012 ON SEP 27 *	---	1979
1980	---	---	---	---	1980
1981	---	---	0.015 ON JUL 11	---	1981
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

GOULAIS RIVER NEAR SEARCHMONT - STATION NO. 02BF002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	21.8	12.3	---	1967
1968	9.08	8.23	11.8	82.5	27.3	26.9	10.4	12.4	22.8	34.3	18.8	15.4	23.9	1968
1969	11.9	7.80	4.85	58.1	37.1	29.0	13.8	4.52	2.82	20.6	19.5	9.77	18.3	1969
1970	4.80	3.01	2.72	21.0	40.5	38.8	20.0	8.90	24.4	20.8	17.7	18.1	18.3	1970
1971	7.29	5.10	10.5	55.5	71.4	17.0	4.78	4.23	5.08	18.3	26.9	17.8	20.1	1971
1972	10.0	5.50	5.21	23.4	80.7	13.4	10.5	34.7	18.0	15.0	13.1	8.54	20.0	1972
1973	10.1	7.42	27.4	61.4	35.8	18.8	7.23	22.2	9.29	11.3	13.8	8.93	19.4	1973
1974	5.85	4.85	8.50	58.0	45.5	28.8	8.98	7.39	18.5	20.1	27.5	13.6	19.8	1974
1975	10.5	7.18	8.09	33.7	75.8	31.3	7.80	2.47	4.05	5.46	17.8	18.7	18.5	1975
1976	8.29	3.47	20.4	104	29.8	11.4	3.38	1.18	1.10	1.21	1.81	1.84	18.4	1976
1977	1.73	1.81	10.3	93.7	18.7	4.73	9.15	8.88	18.1	28.7	34.7	12.3	19.8	1977
1978	6.48	4.23	3.05	18.0	57.5	24.8	7.28	11.4	18.2	33.7	13.3	8.24	17.4	1978
1979	5.62	4.02	12.1	80.3	47.0	17.0	8.88	11.8	8.95	32.3	35.8	13.8	23.7	1979
1980	8.26	5.88	3.98	58.8	23.0	15.4	10.1	5.30	10.8	15.8	12.8	8.34	14.7	1980
1981	5.00	5.91	8.31	81.8	23.3	28.8	15.4	4.88	2.45	10.0	10.5	8.19	18.8	1981
1982	4.07	3.08	4.31	40.8	87.0	8.31	4.48	2.81	11.5	30.8	25.1	18.8	18.5	1982
1983	12.4	7.81	17.2	48.3	88.5	38.2	4.45	3.03	4.98	23.2	18.2	11.8	21.2	1983
1984	8.94	8.25	8.11	58.1	23.2	14.4	22.5	7.00	10.4	21.8	39.0	21.2	20.1	1984
MEAN	7.49	5.33	9.45	58.8	45.2	21.3	9.81	8.87	11.1	19.8	20.4	12.8	19.2	MEAN

LOCATION - LAT 46 51 37 N LONG 83 58 18 W
DRAINAGE AREA, 1 180 km^2
NATURAL FLOW

GOULAIS RIVER NEAR SEARCHMONT - STATION NO. 02BF002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	238 ON APR 15	3.88 ON AUG 15	756 000	1968
1969	337 AT 06:00 EST ON JUN 27	211 ON JUN 27	1.50 ON SEP 14	578 000	1969
1970	187 AT 12:25 EST ON JUN 1	182 ON JUN 1	2.10 B ON APR 7	578 000	1970
1971	132 AT 02:01 EST ON APR 21	129 ON APR 21	2.70 ON SEP 18	634 000	1971
1972	180 AT 09:19 EST ON MAY 3	176 ON MAY 3	4.53 B ON MAR 4	632 000	1972
1973	173 AT 20:06 EST ON APR 21	153 ON APR 22	2.88 ON JUL 25	613 000	1973
1974	158 AT 00:21 EST ON APR 30	151 ON APR 29	3.40 ON JUL 29	826 000	1974
1975	235 AT 12:40 EST ON MAY 1	208 ON MAY 1	0.711 ON SEP 4	582 000	1975
1976	---	235E ON APR 18	0.697 ON AUG 31 *	488 000	1976
1977	---	224E ON APR 18	1.70 B ON JAN 14	624 000	1977
1978	114 AT 08:00 EST ON MAY 13	109 ON MAY 13	2.88 B ON MAR 23	550 000	1978
1979	370 AT 12:05 EST ON APR 28 *	353 ON APR 26 *	3.15 ON JUL 24	748 000	1979
1980	120 AT 15:17 EST ON APR 10	108B ON APR 10	3.44 ON SEP 5	485 000	1980
1981	222 AT 02:14 EST ON APR 5	200 ON APR 5	1.79 ON SEP 25	523 000	1981
1982	194 AT 01:07 EST ON MAY 2	182 ON MAY 2	1.84 ON AUG 18	584 000	1982
1983	117 AT 00:44 EST ON MAY 3	113 ON MAY 3	1.08 ON SEP 4	688 000	1983
1984	135 AT 23:27 EST ON APR 18	130 ON APR 18	3.79 ON SEP 7	635 000	1984
				805 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER ABOVE LAKE BELWOOD - STATION NO. 02GA027

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	---	---	---	---	0.271	1.38	3.22	---	1961
1962	0.553	0.621	13.3	21.4	1.31	0.950	1.56	0.453	0.183	2.08	9.83	5.53	4.91	1962
1963	1.06	0.631	24.8	12.0	8.59	1.72	2.76	0.621	0.215	0.185	0.643	0.559	4.80	1963
1964	1.89	2.59	15.0	14.8	2.97	1.42	1.66	0.884	0.300	0.213	0.337	2.79	3.72	1964
MEAN	1.17	1.25	17.7	16.1	4.62	1.36	1.99	0.578	0.233	0.882	3.07	3.27	4.41	MEAN

LOCATION - LAT 43 49 45 N
LONG 80 17 58 W
DRAINAGE AREA, 749 km^2
REGULATED

GRAND RIVER ABOVE LAKE BELWOOD - STATION NO. 02GA027

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	175 ON MAR 30 *	0.082 ON SEP 4 *	155 000	1962
1963	---	171 B ON MAR 27	0.130 ON SEP 11	145 000	1963
1964	---	94.9 ON APR 8	0.147 ON OCT 18	118 000	1964
				139 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER AT BELWOOD - STATION NO. 02GA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	0.142	0.140	0.270	1.53	1.10	---	1913
1914	1.06	1.47	22.1	15.2	2.73	0.221	0.114	0.188	0.191	0.284	2.18	3.67	4.13	1914
1915	2.24	5.08	28.2	20.6	2.15	0.601	0.887	7.91	11.2	8.37	8.85	4.50	8.07	1915
1916	32.2	7.74	14.7	48.1	8.14	4.92	0.302	0.111	0.098	0.248	0.517	2.83	10.0	1916
1917	0.548	0.428	37.3	25.3	5.47	3.28	15.8	0.515	0.107	0.683	0.707	0.355	7.60	1917
1918	0.082	4.31	51.7	14.3	2.93	0.807	0.148	0.118	2.04	3.80	6.65	17.2	8.75	1918
1919	8.81	2.81	42.3	18.8	14.4	1.78	0.275	0.247	0.248	0.487	3.75	2.65	8.18	1919
1920	0.447	0.308	37.2	16.7	2.83	5.22	4.06	0.881	0.277	1.07	6.88	16.2	7.70	1920
1921	10.2	3.05	40.6	15.8	2.88	1.81	3.03	0.184	0.172	1.53	2.01	8.15	7.46	1921
1922	3.08	4.86	33.1	47.3	1.97	0.514	0.308	0.138	0.217	0.204	0.183	0.209	7.84	1922
1923	0.388	0.340	13.7	49.8	18.5	---	---	0.384	0.227	---	---	---	---	1923
MEAN	5.80	3.02	32.1	27.4	6.26	2.12	2.78	0.881	1.38	1.49	3.13	5.89	7.73	MEAN

LOCATION - LAT 43 47 25 N
LONG 80 19 00 W
DRAINAGE AREA, 769 km^2
NATURAL FLOW

GRAND RIVER AT BELWOOD - STATION NO. 02GA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	122 ON MAR 30	0.085 ON JUL 22	130 000	1914
1915	---	78.4 ON APR 11	0.113 ON JUL 2	264 000	1915
1916	---	147 ON JAN 28	0 B ON DEC 21 *	317 000	1916
1917	---	248 ON MAR 27 *	0.028 ON SEP 23	240 000	1917
1918	---	187 ON MAR 21	0 B ON JAN 17	276 000	1918
1919	---	218 E ON MAR 18	0.113 ON AUG 9	258 000	1919
1920	---	109 ON MAR 25	0.057 ON MAY 31	243 000	1920
1921	---	117 ON MAR 21	0.085 ON JUL 17	235 000	1921
1922	---	139 B ON MAR 7	0.028 ON AUG 23	241 000	1922
1923	---	216 ON APR 6	---	---	1923
				244 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER AT BRANTFORD - STATION NO. 02GB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	11.8	9.35	14.8	40.4	20.0	---	1913
1914	25.6	50.0	128	86.8	28.3	13.7	8.78	8.95	9.85	9.88	17.7	23.8	33.7	1914
1915	18.9	47.4	110	96.8	25.0	21.7	19.2	86.8	62.7	42.8	46.7	32.2	49.1	1915
1916	180	84.4	87.0	182	82.1	93.4	17.8	12.5	8.37	16.1	18.2	18.8	84.6	1916
1917	22.6	18.3	186	122	52.0	50.7	136	13.8	8.21	15.2	18.1	15.9	55.3	1917
1918	7.51	159	394	82.8	24.4	14.3	8.53	5.57	28.4	24.3	35.8	89.7	72.3	1918
1919	27.8	18.6	193	105	110	23.2	10.6	9.87	11.2	12.8	25.3	28.4	48.3	1919
1920	11.8	11.0	207	82.5	21.6	16.7	18.0	11.1	9.01	13.7	41.0	77.7	44.5	1920
1921	80.4	26.4	192	102	51.9	28.3	31.4	16.0	11.5	28.9	37.3	68.0	53.9	1921
1922	20.7	62.0	161	221	22.3	28.0	13.6	12.2	13.4	13.7	15.9	---	---	1922
1923	---	---	---	205	106	30.4	14.0	9.52	13.7	---	---	---	---	1923
1947	---	---	---	---	---	---	---	---	---	17.9	16.6	35.3	---	1947
1948	21.7	39.9	295	74.2	47.4	17.7	22.5	14.8	12.9	7.94	23.1	15.0	48.7	1948
1949	67.6	100	144	80.5	19.2	15.9	13.3	10.7	13.2	14.3	10.7	100	47.3	1949
1950	151	48.2	143	101	25.7	18.7	19.6	18.8	17.9	17.5	38.4	102	58.1	1950
1951	89.4	71.1	168	208	36.9	25.2	33.3	18.1	20.5	29.4	77.0	48.5	89.6	1951
1952	108	58.2	124	142	34.5	20.0	20.6	14.1	13.9	12.0	17.0	37.8	50.2	1952
1953	44.1	44.2	137	51.5	92.9	72.4	31.5	18.5	14.9	14.5	15.0	20.5	46.6	1953
1954	16.5	130	165	154	35.8	21.6	17.1	16.8	17.0	139	46.8	45.3	66.6	1954
1955	55.0	22.2	150	148	30.5	20.4	15.1	15.6	13.2	17.8	56.4	42.5	48.9	1955
1956	20.6	18.1	110	250	188	34.7	39.5	89.0	71.6	36.5	31.5	67.5	75.7	1956
1957	44.4	60.9	98.6	99.4	48.8	39.8	48.7	21.3	26.0	22.0	52.4	111	66.0	1957
1958	28.4	19.0	65.5	48.3	24.2	21.1	20.9	13.7	19.4	13.3	25.3	17.2	28.4	1958
1959	23.7	30.3	94.6	235	55.5	22.8	21.8	19.9	20.1	40.0	84.1	53.2	66.7	1959
1960	39.7	43.4	38.5	286	131	46.4	26.2	24.6	23.1	22.6	21.0	11.1	60.0	1960
1961	6.39	44.3	55.1	61.9	50.5	28.7	23.3	24.1	22.9	21.4	25.5	30.7	32.9	1961
1962	17.3	12.2	94.4	79.2	22.0	20.6	17.6	20.6	18.2	23.2	43.2	38.9	34.1	1962
1963	19.4	15.9	116	65.6	48.5	20.0	16.3	16.6	16.3	13.6	16.7	12.7	31.6	1963
1964	24.3	19.9	71.6	60.7	29.5	17.4	19.7	33.2	23.2	22.6	22.9	41.0	32.3	1964
1965	42.0	103	85.2	194	50.6	17.2	18.9	16.3	16.6	39.9	89.5	108	62.8	1965
1966	51.0	47.2	95.6	57.5	43.1	36.6	20.4	21.7	20.6	17.8	37.4	75.2	43.7	1966
1967	56.9	55.5	93.0	170	40.7	84.3	68.2	28.0	29.0	64.6	98.6	129	76.5	1967
1968	60.3	102	148	62.0	37.7	26.1	21.8	42.4	47.6	49.4	74.6	76.6	62.8	1968
1969	61.6	75.3	111	202	87.5	31.7	27.2	24.0	20.5	19.6	34.6	21.0	59.7	1969
1970	15.3	23.1	49.0	153	47.5	23.3	28.1	25.2	29.4	32.1	48.9	80.4	46.4	1970
1971	35.6	37.1	81.3	194	33.6	28.6	26.3	27.4	21.5	20.0	15.9	34.6	48.2	1971
1972	33.4	25.3	75.2	254	49.0	38.0	34.8	27.7	23.6	36.1	46.3	54.4	58.2	1972
1973	79.7	56.4	224	90.7	85.2	37.6	24.5	25.0	20.7	19.8	44.6	45.1	61.3	1973
1974	78.3	62.0	164	144	148	37.7	24.7	19.1	19.7	21.8	26.6	20.4	63.3	1974
1975	36.5	58.9	116	187	42.1	36.0	20.8	41.2	33.3	25.8	37.0	86.7	58.3	1975
1976	35.6	115	277	110	82.1	29.7	41.3	30.8	34.0	40.7	40.8	29.6	72.2	1976
1977	19.4	18.2	189	87.4	26.6	20.1	23.6	26.6	63.3	108	76.5	103	64.6	1977
1978	42.6	36.6	70.9	258	89.7	27.5	20.7	18.5	32.7	30.9	34.5	36.6	56.6	1978
1979	46.6	23.3	216	208	82.1	32.1	21.8	25.7	23.1	25.9	80.3	108	71.6	1979
1980	77.3	24.0	109	135	53.7	33.3	29.5	30.0	29.0	37.3	38.7	53.0	54.1	1980
1981	26.6	153	87.0	80.5	45.0	26.5	23.8	28.1	89.1	83.9	84.2	58.3	57.3	1981
1982	26.2	18.6	119	246	43.5	53.7	26.8	37.7	44.4	38.2	99.7	167	77.2	1982
1983	83.0	83.4	86.0	105	123	42.2	23.6	36.6	31.8	41.3	48.9	84.1	81.0	1983
1984	47.3	161	113	109	80.1	46.9	26.6	25.2	33.7	26.8	50.6	80.2	64.6	1984
MEAN	45.6	53.9	135	139	56.1	31.8	26.4	23.0	24.9	30.3	40.7	55.9	55.4	MEAN

LOCATION - LAT 43 07 56 N
LONG 80 16 01 W
DRAINAGE AREA, 5 210 km^2
REGULATED SINCE 1942

GRAND RIVER AT BRANTFORD - STATION NO. 02GB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	549 ON MAR 28	0.850 ON AUG 2	1 080 000	1914
1915	---	317 ON APR 11	5.89 ON JUL 1	1 550 000	1915
1916	---	854 ON MAR 29	4.62 ON SEP 9	2 040 000	1916
1917	---	838 ON MAR 28	5.15 ON SEP 25	1 740 000	1917
1918	---	820 ON MAR 20	0.580 ON JAN 5 *	2 280 000	1918
1919	---	1 080 ON MAR 18	4.87 ON SEP 13	1 520 000	1919
1920	---	725 ON MAR 17	5.81 ON SEP 4	1 410 000	1920
1921	---	547 ON MAR 9	7.08 ON AUG 27	1 700 000	1921
1922	---	800 ON APR 12	---	---	1922
1923	---	821 ON APR 7	---	---	1923
1947	---	---	---	---	1947
1948	1 550R AT 13:00 EST ON MAR 20	1 350 ON MAR 20 *	1.84 ON OCT 12	1 570 000	1948
1949	1 010R ON MAR 23	711 ON DEC 23	6.17 ON AUG 20	1 490 000	1949
1950	1 430R ON APR 5	1 280 ON APR 5	12.3 ON AUG 13	2 080 000	1950
1951	872R ON MAR 31	745 ON MAR 31	13.7 ON AUG 14	2 190 000	1951
1952	591R ON APR 2	518 ON APR 2	9.46 ON AUG 30	1 590 000	1952
1953	586R ON MAY 27	389 ON MAY 3	11.5 ON NOV 7	1 470 000	1953
1954	1 580R ON OCT 18	1 100 ON OCT 17	13.0 ON FEB 13	2 100 000	1954
1955	---	831 ON MAR 12	10.1 E ON SEP 27	1 540 000	1955
1956	1 250R ON MAY 12	994 ON APR 5	11.8 A ON FEB 5	2 390 000	1956
1957	859R ON DEC 21	541 ON DEC 21	13.6 ON OCT 12	1 770 000	1957
1958	---	172 ON MAR 29	10.3 ON AUG 29	833 000	1958
1959	---	854 ON APR 8	13.6 B ON JAN 4	1 790 000	1959
1960	1 150R ON APR 5	1 060 ON APR 5	7.67 B ON DEC 26	1 900 000	1960
1961	---	259 ON FEB 25	8.00 B ON JAN 21	1 040 000	1961
1962	541 AT 14:00 EST ON MAR 30	436 ON MAR 30	11.3 B ON FEB 17	1 070 000	1962
1963	688 AT 21:30 EST ON MAR 27	592 ON MAR 27	10.1 ON OCT 19	1 000 000	1963
1964	259 AT 10:00 EST ON DEC 26	214 ON DEC 26	11.2 ON JUL 31	1 020 000	1964
1965	1 090 AT 11:00 EST ON FEB 11	855 ON FEB 11	12.6 ON JUN 28	1 980 000	1965
1966	385 AT 04:00 EST ON DEC 8	334 ON DEC 8	14.1 ON SEP 28	1 380 000	1966
1967	988 AT 18:00 EST ON APR 3	736 ON APR 4	9.43 ON SEP 7	2 410 000	1967
1968	419 AT 22:30 EST ON NOV 29	391 ON NOV 30	13.8 ON JUN 21	1 980 000	1968
1969	731 AT 11:30 EST ON APR 19	583 ON APR 19	15.3 B ON DEC 3	1 880 000	1969
1970	382 AT 13:39 EST ON APR 10	317 ON APR 10	14.1 B ON JAN 25	1 480 000	1970
1971	467 AT 08:31 EST ON APR 14	447 ON APR 14	10.5 ON DEC 2	1 480 000	1971
1972	1 010 AT 18:36 EST ON APR 19	830 ON APR 19	17.0 B ON DEC 5	1 840 000	1972
1973	871 AT 20:08 EST ON MAR 12	578 ON MAR 13	16.5 ON OCT 26	1 930 000	1973
1974	1 780 AT 22:02 EST ON MAY 17 *	1 030 ON MAY 18	15.2 ON DEC 27	1 990 000	1974
1975	1 050 AT 21:51 EST ON APR 19	863 ON APR 20	18.0 ON JAN 2	1 840 000	1975
1976	788E AT 20:37 EST ON MAR 21	691 ON MAR 22	18.9 ON JUN 14	2 280 000	1976
1977	823 AT 22:49 EST ON MAR 13	844 ON MAR 14	14.2 ON JUL 28	2 040 000	1977
1978	808 AT 07:05 EST ON APR 14	589 ON APR 14	16.2 ON AUG 15	1 790 000	1978
1979	1 330 AT 21:34 EST ON APR 15	1 130 ON APR 15	17.3 ON JUL 25	2 250 000	1979
1980	881 AT 05:36 EST ON MAR 22	877 ON MAR 22	18.5 ON JUL 14	1 710 000	1980
1981	838 AT 13:30 EST ON FEB 24	584 ON FEB 24	16.2 ON JUL 15	1 810 000	1981
1982	1 030 AT 10:47 EST ON APR 1	940 ON APR 1	17.0 B ON MAR 5	2 430 000	1982
1983	390 AT 12:33 EST ON MAY 3	342 ON MAY 3	17.1 ON JUL 28	1 920 000	1983
1984	---	4008 ON FEB 15	19.6 ON AUG 27	2 050 000	1984
				1 750 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

GRAND RIVER AT CONESTOGO - STATION NO. 02GA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	0.784	0.588	1.30	5.72	4.30	---	1913
1914	6.01	5.88	47.5	26.5	5.43	1.30	0.788	1.09	1.72	1.39	4.33	6.15	9.12	1914
1915	2.77	12.1	40.8	32.9	4.73	2.89	2.82	21.7	24.0	13.9	15.2	5.82	15.2	1915
1916	49.1	11.8	27.5	76.3	20.7	23.0	2.16	0.711	0.589	1.34	1.49	2.71	18.1	1916
1917	1.78	1.14	52.1	37.5	11.3	7.37	35.4	2.62	1.22	2.62	2.84	3.05	13.3	1917
1918	0.882	4.77	62.3	22.4	4.47	2.08	0.704	0.807	4.26	5.74	8.89	24.2	11.8	1918
1919	21.0	3.88	59.5	31.7	27.8	4.03	0.720	0.808	0.841	1.85	7.03	5.87	13.8	1919
1920	1.85	1.48	81.7	29.7	4.41	5.85	6.43	3.03	1.28	2.70	12.3	23.9	12.9	1920
1921	18.3	6.54	64.6	29.5	10.4	5.23	8.88	2.17	1.51	5.45	7.86	17.7	14.8	1921
1922	5.08	12.2	54.3	63.8	4.29	3.65	2.36	1.45	1.81	1.80	1.82	3.45	12.9	1922
1923	2.27	1.47	35.3	68.0	32.1	5.59	1.88	0.902	1.63	---	---	---	---	1923
MEAN	10.8	6.22	50.8	41.8	12.8	6.10	6.00	3.18	3.59	3.80	6.81	10.0	13.8	MEAN

LOCATION - LAT 43 32 28 N, LONG 80 29 40 W
DRAINAGE AREA, 1 420 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO HYDRO

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	278 ON MAR 27	0.425 ON AUG 9	287 000	1914
1915	---	140 ON SEP 13	0.850 ON JUN 30	480 000	1915
1916	---	240 ON JAN 28	0.398 ON SEP 11	572 000	1916
1917	---	288 ON MAR 27	0.538 ON OCT 2	421 000	1917
1918	---	238 ON MAR 21	0 ON FEB 7 *	375 000	1918
1919	---	294 ON MAR 18 *	0.170 ON JUL 27	438 000	1919
1920	---	184 ON MAR 17	0.850 ON SEP 28	407 000	1920
1921	---	219 ON MAR 8	1.02 ON SEP 10	486 000	1921
1922	---	202 ON APR 11	0.340 ON SEP 8	408 000	1922
1923	---	238 ON APR 7	---	---	1923
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		428 000	MEAN

GRAND RIVER AT GALT - STATION NO 02GA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	4.46	3.85	6.88	19.3	9.22	---	1913
1914	12.0	12.6	68.7	51.8	15.1	8.88	5.03	4.91	6.09	5.25	11.4	13.0	17.7	1914
1915	8.46	21.8	80.8	62.6	12.3	7.71	10.2	38.6	49.2	27.7	29.6	18.2	29.0	1915
1916	85.8	27.0	61.4	136	48.3	58.1	7.23	3.79	3.54	8.54	7.18	8.84	37.8	1916
1917	10.8	8.84	126	74.5	28.6	25.7	70.8	8.24	5.80	10.5	10.1	8.04	32.7	1917
1918	7.08	60.9	151	52.9	13.8	7.72	4.67	3.82	15.1	13.7	19.3	54.1	33.5	1918
1919	20.0	12.2	134	84.7	83.4	10.6	3.21	3.39	3.97	5.81	16.5	15.3	29.8	1919
1920	7.41	8.57	127	62.6	13.4	11.8	12.0	8.57	4.48	9.31	25.4	47.5	28.0	1920
1921	37.1	14.2	124	82.5	32.1	14.0	16.7	6.38	4.34	17.8	22.6	38.7	32.8	1921
1922	10.8	25.3	113	144	17.4	14.2	6.74	5.74	7.85	5.98	7.31	7.46	30.4	1922
1923	5.32	4.47	70.8	138	88.1	17.2	5.58	3.93	7.37	6.92	8.79	34.6	31.1	1923
1924	28.4	12.9	87.6	121	79.5	14.7	8.90	8.97	5.65	8.60	5.19	7.61	30.9	1924
1925	4.39	38.7	138	31.1	8.48	2.47	2.81	3.37	4.06	8.39	59.8	18.8	28.7	1925
1926	13.0	11.1	66.8	205	38.2	15.2	3.74	23.1	21.3	35.0	110	21.8	46.7	1926
1927	12.8	12.8	150	42.4	43.4	27.1	28.1	8.32	4.75	8.38	16.7	38.5	32.8	1927
1928	28.4	18.8	117	117	19.3	14.5	16.5	14.0	5.88	21.3	55.7	58.6	40.8	1928
1929	40.5	17.3	182	150	52.1	10.8	9.04	4.02	2.69	5.17	11.6	7.73	41.2	1929
1930	58.0	69.5	82.3	114	36.7	8.43	5.04	2.62	2.86	3.31	3.75	5.52	32.2	1930
1931	3.57	3.85	18.2	88.5	16.0	8.48	8.78	4.40	4.00	4.16	21.5	51.4	19.9	1931
1932	88.9	68.1	84.9	98.9	26.8	12.0	7.77	11.0	26.6	15.3	82.3	59.5	44.7	1932
1933	34.3	21.8	45.0	144	27.1	8.43	3.04	2.36	1.95	3.26	6.01	19.3	26.3	1933
1934	27.3	8.78	78.9	154	13.8	4.13	2.25	1.72	2.81	3.22	7.54	4.73	25.8	1934
1935	18.7	12.8	89.6	14.8	17.8	38.7	9.92	2.43	1.92	2.77	16.4	11.0	20.6	1935
1936	5.68	8.86	113	87.6	18.4	11.8	1.56	1.33	2.58	6.36	8.72	32.6	22.5	1936
1937	120	90.0	16.6	120	34.2	8.72	4.30	4.80	4.14	7.75	8.65	5.38	35.0	1937
1938	4.98	102	133	41.3	19.2	8.44	3.98	9.77	8.37	4.25	5.01	5.70	28.0	1938
1939	11.7	13.4	75.3	190	19.8	8.61	5.39	4.03	3.40	3.85	4.92	4.38	28.7	1939
1940	3.00	3.34	3.88	149	59.6	38.4	12.1	8.33	23.0	21.9	50.8	86.2	38.1	1940
1941	34.0	14.2	25.0	136	9.81	8.84	5.64	4.73	4.84	11.9	31.7	27.8	25.9	1941
1942	12.7	7.82	139	73.4	48.8	44.9	8.88	4.72	23.8	32.8	80.3	28.3	42.1	1942
1943	31.0	66.9	165	138	104	18.7	8.00	10.2	12.1	14.2	29.8	9.82	49.7	1943
1944	11.9	12.4	88.2	119	38.5	18.6	10.1	7.61	8.54	11.1	9.28	8.71	27.0	1944
1945	8.38	8.88	123	83.3	83.6	41.3	18.7	8.47	17.7	53.5	37.7	18.9	41.6	1945
1946	53.3	23.7	132	17.0	21.2	11.5	12.6	11.8	8.02	8.98	10.6	14.4	27.1	1946
1947	33.1	24.8	84.7	282	104	88.1	28.5	18.4	17.3	10.8	11.1	20.4	55.8	1947
1948	14.3	22.1	203	51.7	30.3	12.5	14.7	9.73	7.13	4.19	13.5	7.09	32.7	1948
1949	43.7	80.4	110	44.1	10.5	10.4	9.84	7.50	7.39	8.26	5.98	82.4	31.7	1949
1950	87.8	24.9	84.5	140	18.0	14.5	12.1	12.9	12.8	12.0	28.3	73.9	44.5	1950
1951	88.0	46.3	121	173	27.7	16.7	24.6	12.8	13.6	19.8	53.9	38.3	51.2	1951
1952	89.6	33.1	87.0	114	20.2	12.0	15.8	6.91	8.52	8.88	10.2	24.7	34.2	1952
1953	27.3	28.5	91.0	34.3	71.2	44.7	24.7	14.2	11.0	10.8	10.0	11.9	31.7	1953
1954	10.8	82.4	110	110	21.9	14.2	12.8	12.8	12.3	118	35.9	30.3	47.4	1954
1955	34.0	13.2	84.8	110	22.5	14.4	11.5	12.5	9.41	12.8	38.5	28.8	33.4	1955
1956	14.7	11.1	58.5	187	111	21.9	27.6	46.8	42.7	23.0	19.1	34.7	43.8	1956
1957	26.0	38.1	61.1	88.8	30.5	30.7	32.3	16.8	17.7	14.8	33.5	74.5	36.9	1957
1958	18.0	11.8	36.5	29.8	15.4	14.2	16.8	10.3	8.89	8.48	14.7	10.8	18.5	1958
1959	13.8	16.9	50.1	171	37.3	17.1	18.5	18.7	16.4	30.4	48.1	31.9	33.9	1959
1960	25.9	26.2	22.3	201	103	30.5	20.0	20.4	21.0	20.3	15.4	8.50	42.7	1960
1961	5.25	25.7	32.4	42.6	36.5	19.9	16.4	18.8	18.7	16.7	16.6	14.9	22.3	1961
1962	10.8	7.80	50.4	57.1	14.8	13.5	12.5	14.9	12.6	14.6	27.5	23.7	21.7	1962
1963	14.4	12.2	70.9	44.6	35.3	15.3	15.0	13.2	13.2	10.4	11.2	8.99	22.1	1963
1964	16.0	12.9	41.5	38.9	18.7	12.1	14.7	21.9	16.4	13.2	11.4	22.9	20.1	1964
1965	25.8	57.8	48.5	132	36.6	12.5	13.1	11.9	12.4	28.5	55.0	80.5	42.7	1965
1966	41.3	28.9	62.9	40.3	27.2	24.9	14.4	13.6	13.3	12.2	18.6	40.9	28.4	1966
1967	37.3	46.0	58.1	118	24.0	58.2	51.1	18.9	24.9	44.3	70.3	87.6	54.0	1967
1968	41.2	64.3	95.2	41.4	22.9	19.6	17.5	31.6	34.9	36.6	54.7	61.5	43.4	1968
1969	38.9	45.6	86.3	152	59.9	21.0	20.2	18.5	16.1	13.5	20.5	12.9	40.2	1969
1970	9.02	13.7	25.2	108	30.8	18.5	19.5	18.8	20.7	21.0	31.7	59.9	31.3	1970
1971	26.2	23.3	43.9	139	22.7	20.6	19.8	17.8	16.0	13.6	11.5	23.3	31.3	1971
1972	23.6	16.2	33.1	179	31.2	24.8	22.2	18.0	17.8	23.2	27.8	38.7	37.8	1972
1973	80.6	41.5	159	82.8	44.3	25.9	15.8	17.4	16.0	14.4	26.6	25.3	41.6	1973
1974	42.7	38.2	100	100	101	25.0	18.7	15.4	16.5	16.3	18.6	12.9	42.1	1974
1975	21.7	30.9	88.8	130	27.7	24.1	16.8	26.5	33.9	19.7	24.5	43.8	38.2	1975
1976	22.8	84.6	188	72.8	50.3	19.7	30.9	22.4	27.8	32.8	29.9	21.0	48.7	1976
1977	11.8	9.10	118	87.0	18.4	13.2	15.2	18.4	38.4	73.8	85.6	84.9	41.3	1977
1978	24.1	18.7	36.5	162	44.5	17.2	15.7	15.2	20.3	18.2	20.1	21.6	34.6	1978
1979	31.4	18.9	133	133	37.4	20.3	16.1	16.1	15.1	16.2	33.7	63.3	44.5	1979
1980	43.8	19.3	88.5	88.1	27.9	20.8	20.1	20.8	20.0	24.2	24.1	35.4	33.2	1980
1981	19.4	84.8	33.7	36.3	22.4	17.4	17.7	18.3	41.9	52.8	41.2	41.9	35.2	1981
1982	17.3	11.3	87.4	182	24.2	30.0	18.2	24.5	26.8	24.1	84.4	122	48.0	1982
1983	40.7	33.1	41.8	72.0	83.1	26.4	18.7	17.8	19.8	25.2	28.1	38.6	37.0	1983
1984	18.6	97.1	74.4	72.2	26.8	24.8	18.3	19.1	20.3	14.7	32.7	69.7	40.4	1984
MEAN	28.2	29.9	84.4	101	37.3	20.0	15.0	12.8	14.2	17.9	28.7	32.2	35.0	MEAN

LOCATION - LAT 43 21 10 N DRAINAGE AREA, 3 620 km²
LONG 80 19 01 W REGULATED

GRAND RIVER AT GALT - STATION NO. 02GA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	331 ON MAR 28	1.56 ON AUG 9	559 000	1914
1915	---	253 ON APR 11	3.79 ON JUN 27	913 000	1915
1916	---	558 ON MAR 30	2.81 ON SEP 26	1 200 000	1916
1917	---	719 ON MAR 24	4.08 ON SEP 30	1 030 000	1917
1918	---	493 ON MAR 22	1.84 ON AUG 18	1 060 000	1918
1919	---	585 ON MAR 18	1.59 ON JUL 19	934 000	1919
1920	---	459 ON MAR 13	2.28 ON SEP 6	884 000	1920
1921	---	402 ON MAR 9	2.55 ON SEP 11	1 030 000	1921
1922	---	538 ON APR 12	2.12 ON AUG 23	958 000	1922
1923	---	498 ON APR 7	2.18 ON AUG 3	981 000	1923
1924	---	456 ON APR 8	3.08 ON NOV 8	976 000	1924
1925	---	473 ON MAR 19	1.38 ON JUL 1	841 000	1925
1926	---	411 ON APR 23	2.69 ON AUG 15	1 470 000	1926
1927	---	583 ON MAR 14	3.80 ON AUG 28	1 040 000	1927
1928	---	759 ON MAR 25	3.00 ON SEP 2	1 290 000	1928
1929	---	841 ON APR 8	1.56 ON SEP 8	1 300 000	1929
1930	368 AT 11:30 EST ON APR 7	323 ON APR 7	1.61 ON AUG 2	1 010 000	1930
1931	---	3518 ON DEC 25	1.95 ON SEP 13	828 000	1931
1932	8988 AT 11:30 EST ON FEB 12	8548 ON FEB 12	3.68 ON JUN 27	1 410 000	1932
1933	487 AT 06:30 EST ON APR 2	439 ON APR 2	1.08 ON SEP 24	829 000	1933
1934	518 AT 18:00 EST ON APR 4	430 ON APR 4	0.821 ON SEP 2	814 000	1934
1935	572 AT 23:00 EST ON MAR 17	527 ON MAR 17	1.02 ON AUG 31	850 000	1935
1936	462 AT 08:00 EST ON MAR 28	374 ON MAR 28	0.736 ON AUG 9 *	710 000	1936
1937	453 AT 20:00 EST ON APR 8	343 ON APR 8	1.90 E ON JUL 24	1 100 000	1937
1938	883 AT 13:00 EST ON MAR 24	581 ON MAR 24	2.75 ON DEC 14	883 000	1938
1939	785 AT 07:00 EST ON APR 19	854 ON APR 19	2.18 ON JUL 24	904 000	1939
1940	691 AT 09:00 EST ON APR 8	600 ON APR 8	2.41 ON AUG 17	1 200 000	1940
1941	458 AT 13:30 EST ON APR 7	388 ON APR 7	2.07 ON SEP 28	818 000	1941
1942	1 020 AT 15:00 EST ON MAR 17	575 ON MAR 17	2.83 ON SEP 3	1 330 000	1942
1943	934 AT 08:00 EST ON MAY 12	726 ON APR 2	4.90 ON DEC 23	1 570 000	1943
1944	818 AT 10:30 EST ON MAR 25	379 ON MAR 25	3.43 ON JAN 19	853 000	1944
1945	544 AT 21:00 EST ON MAR 18	478 ON MAR 17	4.78 ON AUG 5	1 310 000	1945
1946	855 AT 17:00 EST ON MAR 7	530 ON MAR 7	3.17 ON OCT 5	855 000	1946
1947	1 170 AT 13:00 EST ON APR 12	1 040 ON APR 12	7.31 ON DEC 1	1 780 000	1947
1948	1 310 AT 09:00 EST ON MAR 20	1 070 ON MAR 20	2.49 ON OCT 7	1 040 000	1948
1949	861 ON MAR 23	657 ON MAR 23	4.47 ON NOV 28	998 000	1949
1950	1 090 AT 02:00 EST ON APR 5	759 ON APR 5	6.97 ON AUG 12	1 400 000	1950
1951	874 AT 05:00 EST ON MAR 31	524 ON MAR 31	9.37 ON AUG 13	1 610 000	1951
1952	490 AT 08:00 EST ON APR 2	382 ON APR 2	3.68 ON OCT 14	1 080 000	1952
1953	541 AT 18:00 EST ON MAY 28	357 ON MAY 3	7.28 ON DEC 17	1 000 000	1953
1954	1 360 AT 14:00 EST ON OCT 18	1 140 ON OCT 18 *	8.13 B ON JAN 18	1 490 000	1954
1955	436 AT 23:00 EST ON MAR 11	292 ON MAR 12	6.48 ON OCT 4	1 080 000	1955
1956	977 AT 15:00 EST ON MAY 12	654 ON APR 5	8.98 ON FEB 24	1 570 000	1956
1957	450 AT 17:30 EST ON DEC 21	396 ON DEC 21	8.24 ON OCT 18	1 180 000	1957
1958	119 AT 15:00 EST ON MAR 28	112 ON MAR 28	8.29 ON AUG 29	521 000	1958
1959	569 AT 10:00 EST ON APR 6	490 ON APR 6	10.1 B ON JAN 12	1 230 000	1959
1960	810 AT 18:00 EST ON APR 4	680 ON APR 5	8.23 B ON DEC 28	1 350 000	1960
1961	188 AT 11:00 EST ON FEB 24	173 ON FEB 24	4.38 B ON JAN 21	704 000	1961
1962	391 AT 08:30 EST ON MAR 30	311 ON MAR 30	6.74 ON JUL 29	848 000	1962
1963	408 AT 08:00 EST ON MAR 28	351 ON MAR 28	6.54 ON OCT 19	899 000	1963
1964	182 AT 15:00 EST ON APR 8	127 ON APR 8	8.74 ON NOV 22	836 000	1964
1965	711 AT 07:30 EST ON FEB 11	470 ON FEB 11	5.08 ON JUL 13	1 350 000	1965
1966	218 AT 17:00 EST ON DEC 7	178 ON DEC 8	9.63 ON NOV 7	888 000	1966
1967	872 AT 12:40 EST ON APR 3	857 ON APR 3	6.94 E ON AUG 23	1 700 000	1967
1968	343 AT 14:30 EST ON NOV 29	284 ON NOV 29	12.1 ON JUN 21	1 370 000	1968
1969	691 AT 04:29 EST ON APR 19	487 ON APR 19	9.29 B ON DEC 2	1 270 000	1969
1970	280 AT 02:04 EST ON APR 22	228 ON APR 22	8.04 B ON JAN 26	885 000	1970
1971	377 AT 03:55 EST ON APR 14	345 ON APR 14	9.32 ON DEC 2	987 000	1971
1972	852 AT 15:45 EST ON APR 19	733 ON APR 19	11.9 ON DEC 5	1 200 000	1972
1973	490 AT 14:20 EST ON MAR 12	433 ON MAR 12	9.34 B ON DEC 24	1 310 000	1973
1974	1 550 AT 17:19 EST ON MAY 17 *	855 ON MAY 17	9.32 B ON DEC 27	1 330 000	1974
1975	852 AT 18:25 EST ON APR 19	581 ON APR 19	8.88 B ON JAN 8	1 200 000	1975
1976	592 AT 15:36 EST ON MAR 21	501 ON MAR 21	13.5 ON JUN 13	1 540 000	1976
1977	575 AT 17:32 EST ON MAR 13	445 ON MAR 13	7.59 B ON JAN 31	1 300 000	1977
1978	453 AT 05:23 EST ON APR 14	428 ON APR 14	12.3 ON AUG 14	1 090 000	1978
1979	756 AT 15:28 EST ON APR 15	597 ON APR 15	11.5 ON SEP 21	1 400 000	1979
1980	540 AT 23:56 EST ON MAR 21	425 ON MAR 21	13.4 ON JUL 14	1 080 000	1980
1981	415 AT 08:10 EST ON FEB 24	387 ON FEB 24	12.9 ON JUL 15	1 110 000	1981
1982	672 AT 03:57 EST ON APR 1	476 ON APR 1	10.3 B ON MAR 2	1 510 000	1982
1983	292 AT 08:41 EST ON MAY 3	248 ON MAY 3	14.2 ON SEP 5	1 170 000	1983
1984	281 AT 04:09 EST ON DEC 30	244 ON DEC 30	11.1 ON OCT 15	1 280 000	1984
				1 100 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER AT GLEN MORRIS - STATION NO. 02GA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	7.07	5.37	7.75	25.9	7.49	---	1913
1914	11.8	17.6	115	83.3	21.0	6.15	4.05	4.48	6.00	5.11	15.8	13.9	33.7	1914
1915	13.0	23.6	---	85.5	15.0	10.7	11.8	56.6	57.4	25.8	45.4	20.8	---	1915
1916	103	43.1	76.1	158	63.6	58.6	13.8	9.88	9.53	12.8	7.15	17.2	48.6	1916
1917	13.3	8.28	153	89.6	38.1	30.5	97.0	9.28	5.54	11.2	11.5	12.5	40.2	1917
1918	13.7	63.3	178	82.2	18.6	7.99	3.83	3.67	18.0	14.3	25.1	80.6	39.0	1918
1919	17.8	10.4	142	76.5	88.1	12.3	4.44	4.47	4.88	10.3	30.7	18.8	32.8	1919
1920	7.70	8.82	157	74.5	17.4	15.2	15.8	9.14	8.88	---	---	---	---	1920
MEAN	25.8	24.7	139	83.8	36.4	21.8	21.5	12.8	14.1	12.8	21.7	21.8	38.8	MEAN

LOCATION - LAT 43 18 36 N
LONG 80 20 50 W
DRAINAGE AREA, 3 800 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

GRAND RIVER AT GLEN MORRIS - STATION NO. 02GA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	905 ON MAR 28	0.566 ON JAN 3 *	747 000	1914
1915	---	---	---	---	1915
1916	---	880 ON MAR 30	4.75 ON NOV 16	1 540 000	1916
1917	---	807 ON MAR 27	3.54 ON SEP 23	1 270 000	1917
1918	---	702 ON MAR 22	2.38 ON JUL 28	1 230 000	1918
1919	---	966 ON MAR 18 *	2.94 ON JUL 20	1 030 000	1919
1920	---	837 ON MAR 13	---	---	1920
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 180 000	MEAN

GRAND RIVER AT WALDEMAR - STATION NO. 02GA022

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	---	---	---	---	---	---	0.905	0.736	5.07	---	1952
1953	5.21	6.09	24.7	9.19	11.8	7.86	5.50	1.59	1.53	0.895	1.04	2.83	6.55	1953
1954	0.963	13.1	35.0	31.9	2.42	2.10	1.91	0.475	1.42	27.4	9.12	5.08	9.79	1954
1955	6.02	1.79	17.1	38.7	2.10	0.721	1.08	1.04	0.571	1.31	7.00	3.52	6.57	1955
1956	2.18	1.06	6.16	52.0	12.2	1.57	2.45	7.44	4.44	1.48	1.55	6.41	8.22	1956
1957	4.18	7.42	13.7	15.3	3.73	5.74	3.77	2.08	2.21	2.08	7.22	14.2	6.79	1957
1958	1.21	1.31	7.58	12.3	1.83	0.625	0.273	0.883	0.852	0.813	0.380	0.300	2.31	1958
1959	0.486	0.859	2.68	43.6	7.36	1.65	1.09	0.877	0.548	2.52	12.3	6.67	6.65	1959
1960	4.81	4.85	5.24	59.8	20.9	3.52	2.36	0.888	0.194	0.128	0.492	0.388	8.67	1960
1961	0.188	4.04	14.7	12.2	5.56	1.63	1.28	1.88	0.885	0.188	1.27	2.89	3.88	1961
1962	0.488	0.450	12.5	19.8	1.15	0.811	1.86	0.384	0.120	1.81	9.04	5.03	4.44	1962
1963	0.784	0.494	24.6	10.7	9.25	1.68	2.87	0.482	0.126	0.100	0.408	0.348	4.37	1963
1964	1.41	1.91	12.6	14.1	2.60	1.41	1.68	0.385	0.213	---	---	---	---	1964
MEAN	2.33	3.62	13.9	26.5	8.73	2.48	2.16	1.48	1.11	3.26	3.97	4.39	6.20	MEAN

LOCATION - LAT 43 53 48 N DRAINAGE AREA, 855 km^2
LONG 80 17 01 W REGULATED

GRAND RIVER AT WALDEMAR - STATION NO. 02GA022

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)		MAXIMUM DAILY DISCHARGE (m^3/s)		MINIMUM DAILY DISCHARGE (m^3/s)		TOTAL DISCHARGE (dam^3)	YEAR
1952	---		---		---		---	1952
1953	87.7R	ON MAY 2	81.2	ON MAR 18	0.170	ON SEP 12	207 000	1953
1954	289 R	ON OCT 15 *	235	ON OCT 15 *	0.283	ON AUG 22	309 000	1954
1955	---		121	ON APR 3	0.142	ON JUN 28	207 000	1955
1956	212 R	ON APR 6	178	ON APR 6	0.340	ON JUN 22	260 000	1956
1957	142 R	ON DEC 20	111	ON DEC 21	0.255	ON AUG 1	214 000	1957
1958	---		45.0R	ON MAR 30	0.028	ON AUG 16 *	72 800	1958
1959	---		150	ON APR 5	0.170R	ON JAN 19	210 000	1959
1960	213 R	ON APR 4	205	ON APR 4	0.068	ON OCT 15	271 000	1960
1961	---		88.6	ON MAR 28	0.085R	ON JAN 23	122 000	1961
1962	177 R	ON MAR 30	166	ON MAR 30	0.088	ON SEP 4	140 000	1962
1963	188 R	ON MAR 27	162	ON MAR 27	0.082	ON OCT 15	138 000	1963
1964	126 R	ON APR 6	98.0	ON APR 6	---		---	1964
	B - ICE CONDITIONS		* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980				196 000	MEAN

GRAND RIVER AT WEST MONTROSE - STATION NO. 02GA034

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	17.2	28.1	42.6	---	1967
1968	15.0	19.2	30.6	14.7	5.83	5.98	5.20	5.38	10.2	10.4	20.6	30.7	14.6	1968
1969	12.4	16.4	17.6	85.6	22.6	7.03	6.82	7.83	10.9	3.28	6.81	3.40	16.0	1969
1970	2.26	3.31	4.80	47.2	10.9	5.70	10.6	12.6	5.65	6.25	11.1	24.6	12.2	1970
1971	5.27	5.26	12.4	58.7	7.28	6.48	6.35	7.78	4.54	2.79	4.06	7.17	10.7	1971
1972	5.56	6.65	7.33	70.6	11.6	8.31	8.03	7.46	5.65	5.31	5.93	12.4	12.9	1972
1973	20.6	14.6	54.0	21.4	16.5	9.69	8.57	8.72	8.27	6.22	5.67	7.78	14.6	1973
1974	6.67	12.6	36.6	36.6	33.9	8.76	8.78	6.83	4.83	6.14	6.16	3.66	12.6	1974
1975	7.21	7.21	20.6	50.9	8.45	6.48	6.20	6.68	7.11	6.14	6.31	12.0	12.0	1975
1976	6.08	6.39	66.3	19.5	14.0	8.55	13.1	7.39	6.66	11.6	11.6	7.54	15.3	1976
1977	2.68	2.39	39.7	17.6	3.33	3.66	4.67	6.72	12.0	28.3	21.7	20.8	13.6	1977
1978	8.28	3.44	6.38	86.9	17.1	4.98	4.67	6.32	4.66	4.61	6.82	7.20	11.6	1978
1979	16.6	4.70	46.6	63.6	12.0	6.77	4.67	6.20	4.79	4.16	13.0	26.6	16.6	1979
1980	15.4	6.16	16.1	36.6	6.67	6.48	6.63	12.3	8.74	11.3	10.2	16.6	12.6	1980
1981	6.48	32.4	13.0	13.6	7.35	7.46	6.17	6.85	23.7	20.6	16.1	16.7	14.6	1981
1982	7.83	3.19	13.2	83.3	6.28	6.40	6.63	10.0	6.82	6.2	24.6	61.2	17.6	1982
1983	13.7	4.11	16.0	27.2	28.2	7.36	7.64	6.55	6.73	9.76	6.76	14.2	12.7	1983
1984	6.83	31.6	27.6	30.6	6.00	6.41	7.02	6.08	6.61	6.88	6.88	25.6	14.2	1984
MEAN	9.72	10.6	25.6	40.6	12.7	6.67	7.21	7.82	8.39	8.85	11.6	18.4	13.6	MEAN

LOCATION - LAT 43 35 05 N DRAINAGE AREA, 1 170 km^2
LONG 80 26 54 W REGULATED

GRAND RIVER AT WEST MONTROSE - STATION NO. 02GA034

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---	---	1957
1958	189 AT 14:00 EST ON NOV 29	183 ON NOV 29	2.72 ON JUN 18	481 000	1958
1959	263 AT 17:51 EST ON APR 16	202 ON APR 5	0.748 ON OCT 16 *	473 000	1959
1970	155 AT 18:38 EST ON APR 16	120 ON APR 17	1.58 B ON JAN 14	383 000	1970
1971	189 AT 15:30 EST ON APR 13	176 ON APR 13	2.38 ON OCT 5	338 000	1971
1972	634 AT 02:36 EST ON APR 19	507 ON APR 19 *	3.51 ON OCT 21	409 000	1972
1973	193 AT 02:20 EST ON MAR 12	156 ON MAR 12	3.34 ON NOV 14	480 000	1973
1974	674 AT 05:55 EST ON MAY 17 *	379 ON MAY 17	3.17 B ON DEC 1	425 000	1974
1975	337 AT 07:52 EST ON APR 19	234 ON APR 19	3.54 B ON JAN 8	377 000	1975
1976	418 AT 23:46 EST ON JUN 30	211 ON MAR 25	2.48 B ON JAN 25	482 000	1976
1977	229 B AT 08:00 EST ON MAR 13	183 B ON MAR 13	1.50 B ON JAN 27	429 000	1977
1978	230 AT 18:48 EST ON APR 13	197 ON APR 14	2.29 B ON MAR 13	373 000	1978
1979	411 AT 11:12 EST ON APR 15	315 ON APR 15	1.54 E ON SEP 25	520 000	1979
1980	---	138 B ON MAR 21	3.87 ON MAY 27	406 000	1980
1981	224 AT 22:00 EST ON FEB 23	164 ON FEB 24	3.40 B ON FEB 10	461 000	1981
1982	267 AT 18:56 EST ON MAR 31	187 ON APR 16	2.80 B ON MAR 2	552 000	1982
1983	87.6 AT 20:19 EST ON MAY 2	82.6 ON MAY 3	2.36 E ON SEP 8	402 000	1983
1984	120 B AT 15:05 EST ON FEB 21	120 B ON FEB 21	2.02 A ON OCT 13	450 000	1984
				435 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER AT YORK - STATION NO. 02GB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	13.5	9.78	9.28	11.9	49.7	25.8	---	1913
1914	28.7	46.8	185	92.0	35.5	16.8	9.90	8.87	12.7	10.8	22.2	27.8	39.7	1914
1915	22.3	54.6	108	80.8	23.7	15.3	15.4	76.3	66.6	47.0	47.3	51.4	50.8	1915
1916	214	89.7	125	237	113	115	18.5	10.6	9.18	15.6	18.1	29.8	82.8	1916
1917	23.6	14.2	200	135	81.6	66.0	133	21.2	13.2	22.0	24.3	24.1	81.8	1917
1918	10.3	141	367	90.3	31.7	20.2	12.3	10.6	31.3	25.0	36.6	61.8	71.3	1918
1919	65.7	30.7	192	94.5	135	24.5	13.0	11.3	11.0	15.4	25.0	92.0	57.1	1919
1920	13.8	12.5	224	108	30.7	25.8	36.0	16.5	11.2	15.4	41.8	88.2	52.5	1920
1921	69.7	32.8	216	135	55.0	29.8	33.8	15.0	13.8	31.2	41.1	88.3	82.0	1921
1922	24.8	74.5	193	243	27.2	40.4	15.6	13.5	26.7	12.8	12.8	17.1	58.1	1922
1923	20.4	15.7	135	166	104	36.8	12.1	10.1	13.6	---	---	---	---	1923
MEAN	49.4	51.3	193	136	61.6	38.4	28.7	18.5	19.8	20.7	31.8	47.4	59.6	MEAN

LOCATION - LAT 43 01 20 N, LONG 79 53 32 W
DRAINAGE AREA, 5 810 km^2 REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

GRAND RIVER AT YORK - STATION NO. 02GB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	735 ON MAR 28	5.66 ON AUG 6 *	1 250 000	1914
1915	---	317 ON SEP 14	5.05 ON JUN 27	1 800 000	1915
1916	---	787 ON MAR 31	5.89 ON SEP 5	2 620 000	1916
1917	---	827 ON MAR 27	5.24 ON FEB 18	1 950 000	1917
1918	---	624 ON MAR 22	7.67 ON JAN 13	2 250 000	1918
1919	---	1 030 ON MAR 19 *	5.17 ON SEP 15	1 800 000	1919
1920	---	629 ON MAR 13	7.73 ON SEP 12	1 880 000	1920
1921	---	654 ON MAR 9	8.83 ON AUG 26	1 980 000	1921
1922	---	894 ON APR 12	7.90 ON NOV 4	1 830 000	1922
1923	---	558 ON APR 5	---	---	1923
				1 880 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRAND RIVER BELOW SHAND DAM - STATION NO. 02GA015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	3.32	5.30	7.57	4.38	3.99	18.2	---	1950
1951	18.3	4.48	15.8	43.9	4.18	3.10	8.65	7.61	8.35	4.96	9.57	15.4	12.0	1951
1952	15.5	5.12	14.2	17.5	1.82	8.91	9.79	3.83	3.67	2.69	1.86	3.34	7.17	1952
1953	8.05	4.05	12.5	8.82	13.1	7.83	11.3	6.37	6.28	5.70	3.24	2.37	7.58	1953
1954	2.71	11.5	24.9	26.3	2.96	4.67	8.83	8.12	5.87	23.5	16.6	8.81	12.0	1954
1955	8.56	2.66	15.7	27.2	3.01	5.48	8.11	6.08	4.19	1.41	3.24	10.9	8.40	1955
1956	3.52	1.58	7.82	42.4	13.4	3.28	3.67	9.57	18.7	9.02	4.80	5.34	10.2	1956
1957	5.18	7.80	10.5	9.03	5.80	8.68	12.0	12.5	6.78	2.51	4.15	23.7	8.83	1957
1958	6.24	1.98	3.84	3.84	3.66	5.12	4.68	4.19	1.35	1.52	1.35	1.13	3.24	1958
1959	0.933	0.873	3.33	37.0	9.37	6.88	8.44	6.90	4.96	4.67	12.8	9.08	8.51	1959
1960	7.55	5.56	5.66	52.5	26.5	4.73	4.78	5.02	7.87	8.20	3.51	1.52	10.9	1960
1961	0.345	0.867	1.99	12.0	8.52	3.52	4.18	5.37	5.40	5.36	3.52	4.20	4.45	1961
1962	2.75	0.828	1.80	13.7	2.95	3.66	4.18	6.36	5.33	3.37	7.30	4.06	4.68	1962
1963	8.15	3.09	9.06	11.6	10.6	5.23	4.74	6.20	3.93	2.92	1.92	2.09	5.57	1963
1964	3.13	2.89	2.29	5.96	3.46	4.22	4.19	2.96	5.24	3.93	2.85	3.46	3.89	1964
1965	3.46	8.67	9.22	28.6	10.6	4.09	4.89	5.91	5.58	6.93	11.9	18.0	8.73	1965
1966	13.7	3.00	6.47	9.80	7.20	4.86	6.84	5.78	4.80	3.50	2.93	5.17	6.17	1966
1967	8.78	15.9	8.92	25.1	3.80	12.0	13.6	4.52	10.6	11.2	20.8	32.4	13.6	1967
1968	12.0	10.7	17.0	8.86	4.10	5.31	4.02	3.72	6.21	8.10	13.7	23.3	9.76	1968
1969	10.1	12.2	4.89	45.0	16.2	5.43	5.92	6.69	6.54	2.66	4.36	2.36	10.3	1969
1970	1.39	2.21	2.98	26.4	6.89	4.71	5.24	6.03	4.53	3.98	6.10	18.6	7.77	1970
1971	4.07	2.87	7.35	33.4	4.92	4.77	5.29	5.72	3.14	2.24	3.09	2.68	6.69	1971
1972	3.15	4.68	2.66	40.1	8.24	5.84	6.35	6.52	6.07	3.21	3.68	7.79	8.11	1972
1973	8.23	11.6	35.2	15.3	11.1	7.06	5.76	5.34	5.20	3.70	3.01	8.31	9.83	1973
1974	5.73	10.1	20.6	23.7	21.0	5.03	4.80	5.16	4.26	4.57	2.93	2.81	9.22	1974
1975	3.46	3.46	11.9	33.6	5.56	4.30	5.43	5.19	4.75	4.16	3.55	7.71	7.77	1975
1976	4.02	5.13	47.0	11.2	8.51	3.89	6.66	6.61	7.68	8.16	8.43	6.80	10.6	1976
1977	2.33	1.66	24.9	12.1	2.38	2.94	3.86	4.16	7.72	23.6	17.2	15.5	8.89	1977
1978	6.00	2.26	8.20	36.9	10.7	4.09	4.32	4.27	3.20	3.26	4.09	4.40	7.38	1978
1979	15.2	4.34	33.1	35.1	7.78	4.74	4.48	4.34	4.61	3.43	7.66	18.2	11.6	1979
1980	10.6	6.27	6.51	24.2	3.85	5.09	6.73	6.83	7.86	8.17	7.74	11.3	8.91	1980
1981	7.72	17.4	7.64	8.67	4.80	5.86	5.77	5.20	19.3	13.6	10.2	15.9	10.1	1981
1982	6.00	2.50	5.70	39.6	3.89	4.81	4.46	6.32	5.13	4.02	11.6	32.6	10.5	1982
1983	9.46	3.06	8.77	16.5	16.6	6.16	4.23	4.18	4.84	8.06	6.92	8.99	8.11	1983
1984	8.13	20.9	14.6	20.3	2.99	4.63	5.46	5.86	4.73	4.00	5.20	17.0	9.38	1984
MEAN	6.76	5.89	11.9	23.7	7.89	5.20	6.06	6.00	6.36	6.10	6.73	10.6	8.81	MEAN

LOCATION - LAT 43 43 53 N DRAINAGE AREA, 800 km²
LONG 80 20 36 W REGULATED SINCE 1942

GRAND RIVER BELOW SHAND DAM - STATION NO. 02GA015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1950	---	---	---	---	1950
1951	---	139 ON APR 2	0.850 ON MAR 27	377 000	1951
1952	91.7R ON APR 15	88.5 ON APR 15	0.623 ON NOV 17	227 000	1952
1953	139 R ON MAY 2	81.3 ON MAY 2	0.963 ON JUL 1	239 000	1953
1954	259 R ON OCT 17	168 ON OCT 17	1.16 ON FEB 3	377 000	1954
1955	---	106 ON APR 15	0.067 ON OCT 8	265 000	1955
1956	303 R ON APR 7	275 ON APR 7	0 ON MAY 3 *	322 000	1956
1957	150 R ON DEC 24	108 ON DEC 24	1.42 ON SEP 18	278 000	1957
1958	---	20.5 ON JAN 1	0.806 ON DEC 30	102 000	1958
1959	---	154 ON APR 10	0.793 ON JAN 18	288 000	1959
1960	180 AT 08:15 EST ON APR 5	148 ON APR 4	0.3988 ON DEC 26	346 000	1960
1961	46.1 AT 21:00 EST ON APR 18	33.4 ON APR 17	0.2558 ON JAN 18	140 000	1961
1962	76.5 AT 12:00 EST ON APR 7	75.6 ON APR 8	0.7798 ON FEB 14	147 000	1962
1963	131 AT 13:00 EST ON MAR 30	94.6 ON MAR 31	0.806 ON FEB 20	176 000	1963
1964	39.9 AT 08:00 EST ON MAR 10	20.3 ON APR 9	1.03 ON MAR 2	117 000	1964
1965	77.3 AT 02:00 EST ON MAY 11	73.3 ON APR 16	2.21 ON JUL 11	307 000	1965
1966	30.9 AT 18:00 EST ON APR 20	26.0 ON MAR 25	1.59 ON NOV 13	195 000	1966
1967	124 AT 15:00 EST ON APR 3	118 ON APR 3	1.59 ON AUG 21	426 000	1967
1968	132 AT 18:00 EST ON NOV 29	108 ON NOV 30	2.54 ON JUN 26	308 000	1968
1969	194 AT 13:24 EST ON APR 16	136 ON APR 6	0.589 ON OCT 12	324 000	1969
1970	127 AT 12:23 EST ON APR 16	98.0 ON APR 16	1.08 E ON JAN 20	245 000	1970
1971	120 AT 15:17 EST ON APR 14	120 ON APR 14	0.946 ON OCT 5	211 000	1971
1972	448 AT 02:05 EST ON APR 19 *	368 ON APR 19 *	2.11 B ON MAR 3	256 000	1972
1973	114 AT 11:06 EST ON MAR 12	110 ON MAR 13	1.84 ON NOV 16	310 000	1973
1974	311 AT 00:01 EST ON MAY 17	188 ON MAY 17	1.84 B ON FEB 25	291 000	1974
1975	128 AT 02:46 EST ON APR 21	126 ON APR 21	2.31 ON MAY 22	245 000	1975
1976	181 AT 19:18 EST ON MAR 23	163 ON MAR 24	1.67 B ON JAN 26	323 000	1976
1977	119 AT 10:04 EST ON MAR 15	118 ON MAR 15	1.27 B ON JAN 31	312 000	1977
1978	182 AT 13:01 EST ON APR 13	152 ON APR 14	1.56 B ON MAR 12	233 000	1978
1979	316 AT 02:22 EST ON APR 15	239 ON APR 15	1.84 ON FEB 23	372 000	1979
1980	81.6 AT 09:51 EST ON APR 9	56.3 ON APR 10	2.95 ON MAR 15	282 000	1980
1981	103 R AT 13:00 EST ON FEB 24	102 ON FEB 24	2.14 B ON FEB 10	319 000	1981
1982	152 AT 16:52 EST ON APR 17	129 ON APR 16	1.80 B ON MAR 12	331 000	1982
1983	99.6 AT 08:29 EST ON MAY 3	57.6 ON MAY 4	2.16 ON SEP 7	256 000	1983
1984	75.3 AT 10:27 EST ON FEB 23	73.4 ON FEB 23	1.79 A ON OCT 11	287 000	1984
				272 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

GRAND RIVER NEAR MARSVILLE - STATION NO. 02GA014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1947	---	---	---	---	---	---	---	---	0.182	0.135	0.382	4.23	---	1947
1948	2.61	2.85	57.3	14.3	5.25	0.287	0.01	0.189	0.057	0.077	1.22	0.930	7.85	1948
1949	9.32	13.8	35.7	13.8	1.17	0.104	0.048	0.014	0.052	0.334	0.230	19.0	7.75	1949
1950	17.2	1.81	12.0	38.8	2.55	1.15	0.491	0.209	0.102	0.305	5.67	15.9	8.11	1950
1951	12.2	6.67	32.2	48.7	3.04	1.52	0.843	0.138	0.282	4.18	16.6	8.35	11.1	1951
1952	13.6	3.48	15.6	34.3	1.51	0.218	0.103	0.188	3.03	0.821	0.820	4.85	8.84	1952
1953	8.27	5.88	---	---	---	---	---	---	---	---	---	---	---	1953
1954	---	---	---	---	---	---	---	---	---	0.196	0.289	2.62	---	1954
1955	3.24	8.12	7.12	41.2	7.44	1.08	1.58	0.339	0.188	3.88	11.7	18.1	8.88	1955
1956	8.82	6.31	18.8	10.8	8.13	2.73	1.24	1.40	0.809	0.234	2.89	10.5	5.82	1956
1957	11.5	8.41	16.8	27.0	2.25	11.0	12.3	4.80	3.13	14.7	17.3	21.9	12.6	1957
1958	3.21	15.4	33.9	8.82	3.58	0.859	0.754	4.02	5.48	8.77	18.3	11.1	9.33	1958
1959	5.07	7.85	16.9	44.6	13.5	2.34	2.03	0.909	0.355	0.455	3.54	1.97	8.42	1959
1960	1.15	1.88	1.78	44.1	5.19	1.39	3.49	0.788	1.19	3.81	7.72	7.38	8.60	1960
1961	3.11	2.81	5.38	49.3	2.78	1.85	1.57	0.808	0.285	0.198	0.284	4.25	5.89	1961
1962	3.05	1.98	2.87	51.8	5.60	3.24	1.83	1.30	0.309	0.989	3.42	7.54	8.85	1962
1963	12.8	5.75	42.7	13.1	9.28	2.39	1.58	1.58	0.745	0.240	4.83	4.75	8.38	1963
1964	8.44	8.03	24.9	27.1	16.7	1.13	1.31	1.18	0.910	0.328	1.58	1.27	7.38	1964
1965	3.66	3.92	16.0	42.6	5.77	0.585	1.31	0.728	1.27	0.841	1.48	7.48	7.12	1965
1966	2.23	8.26	58.3	11.0	8.83	0.958	2.68	2.08	3.10	5.27	9.18	2.35	9.08	1966
1967	1.28	1.43	38.4	9.85	0.709	0.325	0.610	3.95	9.23	13.4	11.9	8.82	8.47	1967
1968	3.83	1.85	4.47	51.2	8.71	1.48	1.18	0.752	2.98	3.26	3.87	4.48	7.28	1968
1969	3.44	1.27	43.3	29.6	5.85	0.888	0.320	0.642	0.381	1.73	10.8	17.2	9.72	1969
1970	2.88	0.978	17.8	21.8	3.19	1.22	9.52	2.67	3.42	6.04	5.80	8.84	7.00	1970
1971	1.51	31.9	8.85	8.58	5.11	1.88	1.46	6.88	14.1	12.6	11.6	4.64	8.71	1971
1972	2.10	1.19	11.4	45.3	1.44	4.42	1.31	1.87	2.35	2.28	17.9	24.7	8.88	1972
1973	5.37	2.98	15.0	15.0	14.2	2.88	1.09	1.24	1.72	4.37	7.78	6.50	6.80	1973
1974	2.41	28.7	17.1	17.7	3.15	1.40	0.610	1.01	1.78	1.23	7.78	20.4	8.58	1974
MEAN	5.58	6.83	22.3	28.6	5.88	1.85	2.21	1.57	2.21	3.28	6.84	9.22	8.14	MEAN

LOCATION - LAT 43 51 43 N DRAINAGE AREA, 894 km²
LONG 80 18 22 W REGULATED

GRAND RIVER NEAR MARSVILLE - STATION NO. 02GA014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1947	---	---	---	---	1947
1948	447 R AT 23:00 EST ON MAR 20 *	337 ON MAR 20 *	0.028 ON AUG 8	242 000	1948
1949	255 R ON MAR 28	210 ON MAR 28	0 ON JUL 31 *	244 000	1949
1950	399 R ON APR 4	236 ON APR 4	0.028 ON AUG 21	258 000	1950
1951	226 R ON MAR 30	182 ON MAR 30	0.028 ON JUL 25	351 000	1951
1952	215 R ON APR 1	185 ON APR 1	0.028 ON AUG 27	207 000	1952
1953	---	---	---	---	1953
1954	---	---	---	---	1954
1955	151 AT 10:00 EST ON APR 12	136 ON APR 12	0.091 ON AUG 25	274 000	1955
1956	149 AT 00:01 EST ON JAN 1	89.6 ON JAN 1	0.184 ON OCT 7	184 000	1956
1957	208 AT 01:45 EST ON APR 3	151 ON APR 3	0.181 ON JUN 7	387 000	1957
1958	168 AT 07:30 EST ON NOV 29	145 ON NOV 29	0.228 ON JUL 24	295 000	1958
1959	161 AT 15:04 EST ON APR 15	140 ON APR 5	0.244 ON OCT 7	286 000	1959
1960	204 AT 21:44 EST ON APR 14	181 ON APR 15	0.201 ON AUG 27	208 000	1960
1961	204 AT 17:07 EST ON APR 13	184 ON APR 13	0.115 ON OCT 8	188 000	1961
1962	388 AT 21:48 EST ON APR 16	284 ON APR 16	0.057 ON SEP 23	220 000	1962
1963	185 R AT 03:01 EST ON MAR 12	143 ON MAR 12	0.088 ON OCT 12	283 000	1963
1964	181 AT 12:15 EST ON APR 4	178 ON APR 4	0.170 ON SEP 24	233 000	1964
1965	331 AT 12:04 EST ON APR 19	308 ON APR 19	0.314 ON JUN 27	224 000	1965
1966	328 AT 09:04 EST ON MAR 21	289 ON MAR 21	0.255 ON JUN 24	287 000	1966
1967	292 AT 16:06 EST ON MAR 13	243 ON MAR 13	0.136 ON JUN 24	267 000	1967
1968	202 AT 00:32 EST ON APR 13	174 ON APR 13	0.459 ON SEP 9	230 000	1968
1969	280 AT 19:04 EST ON APR 14	197 ON APR 14	0.031 ON JUL 15	307 000	1969
1970	215 AT 15:48 EST ON MAR 21	145 ON MAR 21	0.345 ON JUL 7	222 000	1970
1971	200 AT 17:45 EST ON FEB 23	183 ON FEB 23	0.385 ON JUL 14	275 000	1971
1972	294 AT 16:30 EST ON MAR 31	171 ON APR 1	0.354 ON JUL 15	308 000	1972
1973	80.0 AT 19:14 EST ON APR 10	48.6 ON APR 15	0.208 ON SEP 13	208 000	1973
1974	285 AT 15:52 EST ON DEC 29	214 ON DEC 29	0.278 ON JUL 24	272 000	1974
				257 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

GRAVEL RIVER NEAR CAVERS - STATION NO. 02AE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	---	---	---	5.64	3.28	---	1974
1975	3.27	1.91	1.45	8.81	26.8	17.8	4.37	1.08	1.05	8.07	8.99	5.85	7.14	1975
1976	3.07	1.79	1.42	32.6	22.3	13.0	5.82	1.85	0.750	0.810	1.64	1.47	7.20	1976
1977	0.985	0.784	2.78	18.9	13.0	5.98	10.6	6.58	25.0	11.8	12.1	4.15	9.39	1977
1978	1.45	0.873	0.308	1.87	17.1	12.0	5.12	2.74	1.81	4.15	3.01	1.79	4.38	1978
1979	0.934	0.732	1.01	10.1	38.1	10.9	2.72	1.89	8.17	10.8	17.3	4.40	8.78	1979
1980	1.74	0.881	1.07	11.7	23.2	3.45	1.75	3.27	17.3	15.8	9.48	2.38	7.88	1980
1981	1.23	1.17	1.72	10.2	13.7	11.7	5.86	1.08	0.828	3.67	5.28	2.58	4.84	1981
1982	1.37	1.05	0.975	8.78	42.6	9.82	8.37	3.23	4.07	19.1	15.3	6.85	10.2	1982
1983	2.86	1.43	2.11	7.28	26.3	7.47	3.81	0.853	0.527	10.7	9.88	4.81	6.48	1983
1984	1.31	1.42	1.25	23.2	20.4	18.3	11.0	4.33	1.86	5.48	10.3	17.4	8.88	1984
MEAN	1.80	1.19	1.41	12.9	24.5	11.0	5.84	2.68	5.85	8.82	9.09	5.19	7.59	MEAN

LOCATION - LAT 48 55 34 N DRAINAGE AREA, 818 km²
LONG 87 41 27 W NATURAL FLOW

GRAVEL RIVER NEAR CAVERS - STATION NO. 02AE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	82.6 AT 14:36 EST ON JUN 17	58.7 ON JUN 17	0.897 ON SEP 17	225 000	1975
1976	148 AT 14:41 EST ON APR 20 *	105 ON APR 20 *	0.614 ON SEP 26	228 000	1976
1977	86.6 AT 14:19 EST ON SEP 10	82.9 ON SEP 10	0.756B ON FEB 25	296 000	1977
1978	28.9 AT 00:49 EST ON MAY 10	28.6 ON MAY 10	0.229B ON MAR 24 *	138 000	1978
1979	92.6 AT 12:52 EST ON MAY 12	91.1 ON MAY 12	0.690B ON FEB 21	277 000	1979
1980	61.5 AT 02:45 EST ON MAY 2	61.3 ON MAY 1	0.768B ON FEB 20	243 000	1980
1981	21.3 AT 18:09 EST ON MAY 5	21.0 ON MAY 5	0.687 ON AUG 31	158 000	1981
1982	82.2 AT 22:39 EST ON MAY 7	81.0 ON MAY 7	0.962B ON MAR 23	322 000	1982
1983	41.5 AT 13:08 EST ON MAY 14	40.7 ON MAY 14	0.338E ON SEP 8	205 000	1983
1984	83.4 AT 05:20 EST ON APR 29	80.7 ON APR 29	0.870B ON FEB 8	306 000	1984
				240 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GREENWATER CREEK AT OUTLET OF GREENWATER LAKE - STATION NO. 02AB012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	1.07 R	1.82 R	0 R	0 R	1.05 R	3.66 R	0 R	0 R	0.008R	0.680R	---	1945
1946	---	---	0.281R	---	---	---	---	3.08 R	---	---	---	---	---	1946
1947	0.082R	0.886R	0.711R	---	---	---	---	1.87 R	---	---	---	---	---	1947
1948	0.279R	3.50 R	3.63 R	0 R	0 R	0.425R	0.425R	1.13 R	0.038R	1.13 R	1.13 R	1.96 R	1.13 R	1948
1950	1.25 R	1.04 R	0.974R	0.566R	0.837R	3.05 R	4.38 R	1.95 R	0.787R	0.860R	0.585R	1.19 R	1.43 R	1950
1951	---	---	---	---	---	---	---	---	---	1.02 R	1.22 R	0.835R	---	1951
1952	0.721R	1.22 R	0.901R	0.810R	0.283R	0.588R	0.868R	1.58 R	1.11 R	0.757R	0.730R	1.19 R	0.887R	1952
1953	1.11 R	0.708R	0.627R	0.568R	0.566R	0.802R	1.18 R	0.678R	0.671R	0.595R	3.33 R	0.566R	0.984R	1953
1954	0.568R	0.568R	0.568R	0.568R	0.887R	1.54 R	1.14 R	1.67 R	1.24 R	2.37 R	2.27 R	2.28 R	1.32 R	1954
1955	1.50 R	1.41 R	0.983R	0.808R	0.568R	0.568R	0.425R	0.425R	0.425R	0.425R	0.425R	0.425R	0.879R	1955
1956	0.425R	2.61 R	1.27 R	1.27 R	1.27 R	1.27 R	1.27 R	1.22 R	1.13 R	1.13 R	1.13 R	2.00 R	1.33 R	1956
1957	2.14 R	1.88 R	1.48 R	1.13 R	1.13 R	1.31 R	2.23 R	1.72 R	1.44 R	1.13 R	1.29 R	2.55 R	1.62 R	1957
1958	1.86 R	2.17 R	1.76 R	1.13 R	1.13 R	1.13 R	1.13 R	1.13 R	1.13 R	1.13 R	1.13 R	0.991R	1.32 R	1958
1959	0.850R	0.850R	0.850R	0.850R	0.850R	0.991R	0.991R	0.991R	0 R	0.018R	0.413R	1.19 R	0.738R	1959
1960	1.67 R	0.878R	0.228R	0 R	0 R	0 R	0.022R	0.181R	0.255R	0.255R	0.255R	1.55 R	0.459R	1960
1961	2.22 R	2.38 R	0.480R	0.897R	1.15 R	1.62 R	0.867R	1.07 R	0.957R	0.793R	0.783R	0.901R	1.15 R	1961
1962	0.868R	1.19 R	0.758R	0 R	0.327R	0.804R	0.597R	0.810R	0.400R	0.232R	1.22 R	0.856R	0.660R	1962
1963	0.577R	0.382R	0.238R	0 R	0 R	0 R	0.912R	0.878R	0.707R	0.631R	0.680R	0.984R	0.525P	1963
1964	1.01 R	0.809R	0.948R	1.10 R	1.84 R	0.387R	4.00 R	2.13 R	0.967R	3.07 R	2.78 R	1.89 R	1.78 R	1964
1965	2.48 R	2.20 R	2.47 R	2.56 R	1.17 R	2.22 R	1.17 R	1.57 R	2.32 R	0.995R	1.52 R	1.42 R	1.84 R	1965
1966	2.29 R	2.05 R	2.08 R	3.60 R	2.85 R	3.03 R	1.10 R	0.600R	1.46 R	2.40 R	0.367R	0.445R	1.88 R	1966
1967	2.56 R	2.52 R	2.50 R	0.721R	2.18 R	2.87 R	0.998R	1.02 R	1.07 R	1.15 R	1.82 R	1.65 R	1.75 R	1967
1968	1.37 R	1.68 R	4.26 R	2.62 R	1.15 R	0.870R	1.63 R	1.15 R	0.916R	1.30 R	2.19 R	3.11 R	1.66 R	1968
1969	1.07 R	1.41 R	3.36 R	3.69 R	5.17 R	4.68 R	3.66 R	0.851R	0.098R	0.252R	0.286R	0.362R	2.07 R	1969
1970	0.269R	0.868R	2.04 R	0.711R	2.63 R	3.46 R	3.19 R	2.54 R	1.72 R	1.16 R	1.09 R	1.11 R	1.75 R	1970
1971	1.25 R	1.20 R	0.863R	0.735R	1.14 R	0.836R	1.59 R	4.22 R	2.43 R	2.93 R	0.863R	1.46 R	1.63 R	1971
1972	1.95 R	1.77 R	0.776R	0.195R	0.308R	0.398R	0.440R	0.328R	0.586R	0.588R	0.586R	0.375R	0.683R	1972
1973	0.227R	0.404R	1.11 R	3.23 R	3.09 R	2.54 R	0 R	0.002R	0.169R	0.305R	0.350R	0.328R	0.878R	1973
1974	3.51 R	3.96 R	3.49 R	1.78 R	2.55 R	3.88 R	7.82 R	3.87 R	1.20 R	0.882R	1.70 R	1.08 R	2.87 R	1974
1975	0.734R	0.454R	0.287R	0.157R	2.21 R	2.34 R	2.17 R	2.07 R	1.12 R	1.34 R	2.08 R	1.56 R	1.38 R	1975
1976	1.28 R	1.03 R	0.763R	1.21 R	2.16 R	2.88 R	2.41 R	1.52 R	0.297R	0.206R	0.101R	0.016R	1.18 R	1976
1977	0	0	0	0	0.381	1.14	---	1.15	4.16	2.05	1.62	---	---	1977
1978	1.80	---	1.58	1.30	1.84	1.78	---	---	---	---	---	---	---	1978
1980	---	---	---	---	---	---	---	---	---	0	0	---	---	1980
1982	---	---	---	---	---	---	---	---	---	---	---	---	---	1982
MEAN	1.28 R	1.45 R	1.36 R	1.14 R	1.33 R	1.57 R	1.70 R	1.52 R	0.993R	0.999R	1.09 R	1.20 R	1.33	MEAN

LOCATION - LAT 48 36 28 N, LONG 90 27 21 W
DRAINAGE AREA, 174 km^2
REGULATED SINCE 1953
DATA CONTRIBUTED BY - ONTARIO HYDRO
R - REVISED SINCE JAN 1980

REMARKS - DAILY DISCHARGES PRIOR TO 1975 HAVE NOT BEEN PUBLISHED

GREENWATER CREEK AT OUTLET OF GREENWATER LAKE - STATION NO. 02AB012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	---	---	---	1946
1947	---	---	---	---	1947
1948	---	5.24R ON MAR 1	0 R ON JAN 1 *	35 800R	1948
1950	---	5.61R ON AUG 2	0.566R ON APR 1	45 000R	1950
1951	---	---	---	---	1951
1952	---	2.44R ON AUG 12	0.283R ON MAY 1	28 100R	1952
1953	---	4.98R ON NOV 4	0.566R ON MAR 25	30 400R	1953
1954	---	2.55R ON OCT 1	0.566R ON JAN 1	41 800R	1954
1955	---	1.70R ON JAN 1	0.425R ON JUL 1	21 400R	1955
1956	---	3.82R ON FEB 1	0.425R ON JAN 1	42 000R	1956
1957	---	3.16R ON NOV 29	1.13 R ON APR 1	51 200R	1957
1958	---	2.27R ON FEB 1	0.850R ON DEC 30	41 700R	1958
1959	---	1.84R ON DEC 31	0 R ON SEP 1	23 300R	1959
1960	---	2.63R ON JAN 1	0 R ON APR 1	14 500R	1960
1961	---	2.80R ON FEB 1	0.425R ON MAR 1	35 300R	1961
1962	---	1.93R ON NOV 14	0 R ON APR 1	20 800R	1962
1963	---	1.44R ON NOV 20	0 R ON APR 1	18 500R	1963
1964	---	5.51R ON JUL 4	0 R ON JUN 5	55 500R	1964
1965	---	3.71R ON AUG 26	0.085R ON MAY 15	57 900R	1965
1966	---	3.98R ON APR 25	0.227R ON OCT 31	59 400R	1966
1967	---	3.03R ON JUN 4	0.255R ON APR 4	55 200R	1967
1968	---	5.66R ON MAR 11	0 R ON MAY 20	58 700R	1968
1969	---	5.52R ON MAY 11	0.085RE ON SEP 8	65 200R	1969
1970	---	4.25R ON JUN 15	0.255R ON JAN 9	55 100R	1970
1971	---	5.38R ON AUG 9	0 R ON NOV 1	61 300R	1971
1972	---	1.98R ON JAN 1	0.057RE ON AUG 21	21 800R	1972
1973	---	3.68R ON MAR 27	0 R ON JUL 1	30 800R	1973
1974	---	10.5 R ON JUL 10 *	0.850RE ON SEP 15	83 700R	1974
1975	---	3.09R ON MAY 18	0.113RE ON APR 14	43 800R	1975
1976	---	3.28RE ON JUN 27	0 R ON DEC 13	38 800R	1976
1977	---	5.58E ON SEP 12	0 ON JAN 1	---	1977
1978	---	---	---	---	1978
1980	---	---	---	---	1980
1982	---	---	---	25 200	1982
				41 400R	MEAN

E - ESTIMATED
R - REVISED SINCE JAN 1980
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRINDSTONE CREEK ABOVE HIGHWAY NO. 403 - STATION NO. 02HB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	---	---	0.178	0.117	0.251	0.285	---	1958
1959	0.798	0.427	2.16	2.83	0.440	0.085	0.104	0.042	0.040	---	---	---	---	1959
1960	---	---	---	---	---	---	---	---	---	0.101	0.125	0.131	---	1960
1961	0.081	1.63	1.43	1.76	0.717	0.335	0.295	0.829	0.224	0.103	0.142	0.308	0.847	1961
1962	0.189	0.159	3.06	0.878	0.207	0.150	0.057	0.028	0.100	0.590	1.36	0.851	0.614	1962
1963	0.138	0.142	2.29	0.775	0.447	0.103	0.142	0.088	0.034	0.025	0.085	0.082	0.365	1963
1964	0.430	0.058	1.50	1.18	0.520	0.192	0.281	0.440	0.233	0.139	0.213	0.593	0.484	1964
1965	0.800	1.67	2.06	3.12	0.447	0.050	0.058	0.082	0.095	---	---	---	---	1965
MEAN	0.372	0.681	2.08	1.73	0.483	0.153	0.156	0.251	0.129	0.178	0.383	0.325	0.528	MEAN

LOCATION - LAT 43 18 26 N LONG 79 52 08 W
DRAINAGE AREA, 72.5 km^2
NATURAL FLOW

GRINDSTONE CREEK ABOVE HIGHWAY NO. 403 - STATION NO. 02HB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1958	---	---	---	---	1958
1959	---	11.4 ON APR 3	---	---	1959
1960	---	---	---	---	1960
1961	---	11.8 ON FEB 25	0.057B ON JAN 20	20 400	1961
1962	---	11.6 E ON NOV 10	0.023 ON AUG 4	19 400	1962
1963	---	11.6 E ON MAR 26 *	0.003E ON JUN 28 *	11 800	1963
1964	---	3.14 ON MAR 26	0.028B ON FEB 21	15 300	1964
1965	---	8.35 ON FEB 11	0.008 ON JUL 1	---	1965
				15 700	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

GRINDSTONE CREEK NEAR ALDERSHOT - STATION NO. 02HB012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	0.305	0.767	1.07	---	1965
1966	0.561	0.830	2.84	1.01	0.670	0.301	0.083	0.075	0.076	0.112	0.187	0.868	0.619	1966
1967	0.488	0.350	1.77	2.13	0.758	0.686	0.318	0.186	0.157	0.208	0.349	0.947	0.695	1967
1968	0.838	2.94	3.47	0.949	0.375	0.306	0.128	0.341	0.318	0.215	1.29	1.42	1.04	1968
1969	2.72	0.787	1.89	2.67	1.17	0.281	0.217	0.193	0.088	0.138	0.198	0.215	0.884	1969
1970	0.183	0.286	1.93	2.08	0.548	0.104	0.102	0.138	0.120	0.223	0.418	0.983	0.595	1970
1971	0.559	1.54	2.37	2.76	0.284	0.214	0.089	0.082	0.071	0.110	0.129	0.499	0.716	1971
1972	1.06	0.238	2.84	3.70	0.833	0.506	0.522	1.03	0.110	0.400	1.11	1.44	1.18	1972
1973	1.47	1.21	5.51	1.89	1.02	0.385	0.246	0.167	0.088	0.489	1.63	1.45	1.30	1973
1974	2.89	2.28	2.35	1.82	1.95	0.621	0.169	0.092	0.078	0.077	0.180	0.253	1.03	1974
1975	0.510	1.82	2.38	1.31	0.530	0.214	0.088	0.181	0.313	0.307	0.598	0.843	0.733	1975
1976	0.726	3.92	5.01	1.74	1.46	0.318	0.320	0.178	0.330	0.343	0.284	0.197	1.23	1976
1977	0.089	0.201	3.48	1.63	0.352	0.183	0.208	0.150	0.848	1.08	1.28	1.92	0.958	1977
1978	1.14	0.894	3.85	3.48	1.00	0.225	0.102	0.091	0.286	0.266	0.389	0.582	0.991	1978
1979	0.883	0.800	4.11	3.80	0.936	0.424	0.263	0.144	0.101	0.112	0.333	1.20	1.05	1979
1980	0.835	0.240	1.92	2.15	0.867	0.332	0.129	0.090	0.121	0.149	0.172	0.337	0.598	1980
1981	0.082	2.43	0.850	0.561	0.474	0.185	0.134	0.186	0.419	0.589	0.783	0.517	0.578	1981
1982	0.333	0.220	5.13	3.21	0.425	0.991	0.173	0.445	0.509	0.485	1.38	2.60	1.33	1982
1983	0.957	1.59	1.49	1.68	1.52	0.407	0.124	0.152	0.097	0.164	0.542	1.25	0.825	1983
1984	0.386	2.87	1.52	2.24	1.10	0.584	0.194	0.136	0.357	0.119	0.372	0.825	0.884	1984
MEAN	0.854	1.30	2.84	2.15	0.862	0.383	0.189	0.212	0.224	0.297	0.615	0.961	0.904	MEAN

LOCATION - LAT 43 18 03 N DRAINAGE AREA, 82.6 km²
LONG 79 52 10 W NATURAL FLOW

GRINDSTONE CREEK NEAR ALDERSHOT - STATION NO. 02HB012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	7.93 ON MAR 5	0.042 ON JUL 24	18 500	1966
1967	---	8.43 ON APR 3	0.0858 ON DEC 5	21 900	1967
1968	---	11.3 B ON FEB 2	0.068 ON AUG 4	33 000	1968
1969	---	13.6 B ON JAN 30	0.088 ON AUG 23	27 300	1969
1970	7.05 AT 23:45 EST ON APR 2	5.80 ON APR 3	0.042 ON AUG 26	16 800	1970
1971	14.2 AT 09:55 EST ON APR 2	12.2 ON APR 2	0.027 ON JUL 28 *	22 600	1971
1972	11.0 AT 10:50 EST ON MAR 22	7.55 ON MAR 22	0.078 ON SEP 23	36 700	1972
1973	20.4 AT 12:30 EST ON MAR 14	11.4 B ON MAR 4	0.040 ON AUG 31	41 100	1973
1974	25.8 AT 15:00 EST ON JAN 27	17.0 ON JAN 27	0.057 ON AUG 28	32 500	1974
1975	25.8 AT 19:30 EST ON FEB 24	12.3 ON FEB 24	0.031 ON AUG 2	23 100	1975
1976	19.8 AT 01:00 EST ON MAR 20	17.4 ON MAR 20	0.068 ON SEP 8	38 800	1976
1977	26.1 AT 09:33 EST ON MAR 13	21.4 ON MAR 13	0.040 ON SEP 11	30 200	1977
1978	27.1 AT 19:15 EST ON APR 1	12.6 ON APR 1	0.040 ON AUG 21	31 300	1978
1979	32.9 AT 09:34 EST ON APR 14	24.5 B ON MAR 5	0.063 ON SEP 30	33 300	1979
1980	30.7 AT 14:52 EST ON MAR 21	16.3 ON MAR 21	0.062 ON JUL 18	18 800	1980
1981	---	11.5 B ON FEB 17	0.0548 ON JAN 12	18 200	1981
1982	44.8 AT 21:17 EST ON MAR 31 *	33.0 ON MAR 31 *	0.082 ON AUG 19	41 900	1982
1983	12.1 AT 11:26 EST ON FEB 3	9.81 ON FEB 3	0.051 ON JUL 28	26 100	1983
1984	23.0 B AT 16:25 EST ON FEB 14	16.0 B ON FEB 14	0.063 ON OCT 6	27 300	1984
				28 500	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	34.7	20.3	18.8	17.6	18.7	---	1920
1921	17.5	14.7	19.0	287 R	342R	122	78.8	58.6	83.1	182	81.9	51.3	108 R	1921
1922	47.7	40.0	34.2	233 R	969R	160	112	87.3	25.3	26.9	47.6R	36.5	153 R	1922
1923	30.3	23.6R	21.1R	72.5R	364R	119	86.2	50.1	138	68.4	78.4	46.1	91.9R	1923
1924	28.5	26.9	26.2	90.0R	350R	185	86.9	62.9	86.6	39.7	33.7	40.2	86.6R	1924
1925	25.5	23.6	24.5	183 R	268R	338 R	216	127	45.4	84.3	83.1R	68.6R	124 R	1925
1926	37.6R	28.3R	18.6R	27.9R	398R	212	298 R	103	91.6	101	114 R	83.0R	127 R	1926
1927	52.9R	42.7R	51.4R	347 R	557R	207	108	72.8	39.7	141	85.3R	54.3R	147 R	1927
1928	49.6R	42.1R	36.3R	117 R	910R	431	282	149	327	494	307 R	118 R	273 R	1928
1929	72.1R	28.0R	43.3R	258 R	477	314	143	61.6	85.2	181	242 R	76.9R	188 R	1929
1930	35.1R	49.5R	61.5R	112 R	638R	305	208	86.6	54.6	100	74.0	42.6	147 R	1930
1931	46.9	39.6R	51.0	219 R	427	115	47.4	29.3	43.0	110	214	129 R	123 R	1931
1932	73.0R	72.2R	75.6R	86.4R	457R	103	116	87.4	124	174	188	78.2	137 R	1932
1933	64.6	64.0	38.7R	279 R	548	197	87.9	52.9	61.0	29.1	49.6	22.6	123 R	1933
1934	13.6R	48.1	47.9	40.2	675R	223	70.6	53.5	110	74.6	141	113 R	135 R	1934
1935	43.0R	50.0R	59.0R	181 R	472	204	137	79.1	65.3	148	105	44.2	131 R	1935
1936	32.0	45.9	41.9	88.5	745R	246	77.0	35.6	40.0	45.0	47.0	27.9	122 R	1936
1937	28.2	43.6	45.3	134 R	467	102	184	178	91.3	177	150 R	91.1R	140 R	1937
1938	45.9R	54.6R	54.6R	441 R	801	422	114	135	52.3	31.2	86.1	46.4R	172 R	1938
1939	43.4R	45.3R	52.7R	72.9R	795R	298	156	48.9	82.4	124	85.9	37.3R	155 R	1939
1940	44.7R	46.2R	46.8R	57.6R	484R	351	184	58.3	111	78.2	139 R	66.8R	139 R	1940
1941	31.5R	50.5R	54.6R	321 R	531	158	94.5	137	277	397	234 R	198 R	208 R	1941
1942	88.4R	74.4R	81.5R	332 R	475	110	48.4	36.1	118	218	121 R	54.0R	147 R	1942
1943	43.8R	49.4R	52.4R	83.9R	407	371	155	58.3	45.0	44.8	89.6	40.7R	118 R	1943
1944	38.0R	54.3R	59.6R	97.4R	430	148	47.0	77.8	187	185	88.5	51.1R	118 R	1944
1945	53.0R	55.1R	108 R	339	244	266	135	45.0	46.3	89.6	135 R	82.3R	130 R	1945
1946	48.1R	54.9R	94.7R	289	420	248	110	63.3	81.1	56.1	146 R	107 R	143 R	1946
1947	54.5R	56.6R	67.4R	68.7R	763R	810	152	84.0	63.6	24.0	34.6R	25.9R	188 R	1947
1948	24.2R	26.2R	29.8R	220 R	333	104	93.0	98.9	59.7	52.0	112	91.4R	104 R	1948
1949	53.5R	86.8R	68.6R	184 R	505	172	86.0	33.9	29.6	30.7	47.5	35.7R	108 R	1949
1950	43.0R	49.6R	57.8R	84.6R	731	481	257	70.1	54.1	103	118	87.9R	177 R	1950
1951	82.3R	84.7R	71.9R	551	475	163	118	70.5	70.4	183	243 R	138 R	184 R	1951
1952	88.9R	76.3R	74.4R	270 R	445	282	177	108	64.6	56.1	105	138 R	156 R	1952
1953	89.6R	77.8R	81.9R	205 R	885R	285	132	58.7	133	86.0	75.7	139 R	171 R	1953
1954	87.9R	72.5R	77.9R	239 R	801	250	134	86.9	84.6	271	210	81.9	179 R	1954
1955	83.6	81.5	86.6	317	294	123	33.8	28.3	23.8	81.4	85.7	53.1	103	1955
1956	53.6	54.1	58.3	72.8	547	323	135	87.5	130	84.1	48.1	42.7	133	1956
1957	44.7	49.0	54.5	288	407	172	195	48.4	72.0	79.8	221	98.9	144	1957
1958	88.9	55.4	74.2	188	182	209	97.6	48.8	89.4	141	182	74.4	117	1958
1959	54.0	48.5	54.3	86.9	483	174	33.5	51.9	69.8	107	135 R	81.0R	114 R	1959
1960	56.6R	51.8R	65.0R	189 R	1 160R	235	84.5	88.2	70.5	72.9	128	61.2R	188 R	1960
1961	62.3R	38.8R	46.9R	204 R	495	349	300	132	340	236	173	114 R	208 R	1961
1962	71.6R	74.1R	69.5R	110 R	682	188	84.5	117	240	77.2	56.1	59.0R	149 R	1962
1963	48.9R	51.6R	86.8R	188 R	351	290	125	85.1	88.1	70.9	88.1R	73.6R	126 R	1963
1964	76.7R	77.6R	48.1R	315 R	559	335	143	78.8	116	222	181 R	90.2R	187 R	1964
1965	76.4R	80.3R	52.7R	89.9R	668	122	79.2	110	173	237	116	78.2	158 R	1965
1966	75.1	76.5	72.2	216	524	268	77.0	79.0	45.6	258	157	107	164	1966
1967	90.6	83.2	88.6	392	707	281	116	95.0	46.5	52.4	62.0	50.7	172	1967
1968	45.2	53.7	88.3	470 R	230	373	---	---	---	---	---	---	---	1968
1969	87.0	86.6	54.6	249 R	568	198 R	---	---	---	---	---	---	---	1969
1970	---	---	---	---	---	302	---	---	---	71.1	89.5	84.5	---	1970
1971	80.2	85.0	54.2	100	837	220	94.6	50.4	63.6	85.3	147	81.7	139	1971
1972	88.1	57.8	88.0	54.5	585	328	159	100	105	143	76.8	49.0	148	1972
1973	51.7	70.9	81.2	389	484	198	148	146	155	119	95.2	85.4	183	1973
1974	53.9	75.4	73.5	59.9	582	297	127	84.9	82.3	180	127	58.4	149	1974
1975	79.5	80.2	41.7	70.4	432	301	47.2	19.2	27.5	40.1	116	83.6	110	1975
1976	45.7	46.4	91.0	483	489	130	77.3	59.6	21.0	25.4	22.5	25.8	126	1976
1977	42.0	38.8	41.2	482	262	92.8	48.0	27.2	126	88.5	149	70.8	120	1977
1978	51.3	46.8	50.8	33.4	597	340	238	70.4	88.5	203	80.8	58.2	158	1978
1979	37.7	40.2	34.4	206	716	354	111	62.3	83.2	218	182	80.5	178	1979
1980	48.5	51.8	53.6	252	359	191	86.1	42.2	54.8	136	84.8	44.7	116	1980
1981	47.1	57.8	62.0	384	474	173	75.9	27.5	29.7	61.5	82.7	46.7	127	1981
1982	43.1	42.7	41.2	105	425	81.1	147	45.2	127	310	196	84.6	139	1982
1983	47.6	38.7	78.6	142	787	475	112	56.6	89.5	156	84.6	57.8	176	1983
1984	59.7	63.3	56.2	320	249	210	302	72.8	38.5	88.7	129	90.3	138	1984
MEAN	51.7R	53.5R	57.4R	206 R	522R	244 R	126 R	72.5	90.9	123	116 R	70.9R	145	MEAN

LOCATION - LAT 48 19 07 N
LONG 82 02 25 W

DRAINAGE AREA, 11 900 km²
REGULATED

R - REVISED SINCE JAN 1980

GROUNDHOG RIVER AT FAUQUIER - STATION NO. 04LD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	795R ON APR 27	13.7 B ON FEB 1	3 400 000R	1921
1922	---	1 870R ON MAY 8	16.7 ON OCT 6	4 830 000R	1922
1923	---	846R ON MAY 6	20.8 RB ON MAR 12	2 900 000R	1923
1924	---	430R ON APR 29	23.5 ON NOV 4	2 740 000R	1924
1925	---	575R ON APR 27	23.2 B ON JAN 30	3 910 000R	1925
1926	---	640R ON MAY 13	14.7 RB ON APR 10	4 000 000R	1926
1927	---	988R ON APR 21	19.8 ON SEP 20	4 840 000R	1927
1928	---	1 350 ON MAY 11	34.3 RB ON MAR 12	6 830 000R	1928
1929	---	748 ON MAY 24	22.7 RB ON MAR 2	5 230 000R	1929
1930	---	1 080 ON MAY 6	28.2 RB ON JAN 14	4 820 000R	1930
1931	---	575 ON APR 28	8.61 ON AUG 30	3 870 000R	1931
1932	---	681 ON MAY 11	38.0 RB ON FEB 11	4 310 000R	1932
1933	---	855 ON APR 24	13.3 ON OCT 8	3 880 000R	1933
1934	---	974 ON MAY 6	7.08RB ON JAN 20 *	4 280 000R	1934
1935	---	643 ON MAY 11	36.0 RB ON JAN 24	4 140 000R	1935
1936	---	1 320 ON MAY 13	24.4 ON AUG 2	3 840 000R	1936
1937	---	1 010 ON MAY 3	28.2 B ON JAN 1	4 430 000R	1937
1938	---	1 210 ON APR 28	21.0 ON OCT 23	5 420 000R	1938
1939	---	1 320 ON MAY 9	21.8 ON AUG 18	4 880 000R	1939
1940	---	877 ON JUN 6	28.0 RB ON JAN 17	4 410 000R	1940
1941	---	1 120 ON MAY 6	33.5 RB ON JAN 21	6 540 000R	1941
1942	---	1 040 ON APR 25	23.6 ON AUG 10	4 620 000R	1942
1943	---	739 ON MAY 7	28.0 ON NOV 1	3 740 000R	1943
1944	---	818 ON MAY 8	33.7 ON JUL 25	3 780 000R	1944
1945	---	547 ON APR 12	25.2 ON AUG 13	4 090 000R	1945
1946	---	974 ON MAY 26	37.7 RB ON JAN 24	4 520 000R	1946
1947	---	1 490 ON MAY 19	11.6 ON OCT 22	5 230 000R	1947
1948	---	827 ON APR 28	20.1 ON SEP 28	3 280 000R	1948
1949	---	883 ON MAY 3	18.6 E ON AUG 28	3 400 000R	1949
1950	---	1 340 ON MAY 28	38.4 RB ON JAN 1	5 600 000R	1950
1951	---	828 ON APR 30	49.3 ON AUG 20	5 620 000R	1951
1952	---	753 ON APR 24	49.3 ON OCT 15	4 950 000R	1952
1953	---	1 030 ON MAY 10	42.8 ON SEP 9	5 400 000R	1953
1954	---	1 000 ON MAY 3	49.3 ON SEP 17	5 640 000R	1954
1955	---	674 ON APR 23	17.2 ON SEP 13	3 240 000	1955
1956	---	877 ON MAY 15	34.0 ON OCT 25	4 220 000	1956
1957	---	1 230 ON APR 28	33.7 B ON JAN 2	4 580 000	1957
1958	---	422 ON APR 20	31.1 ON AUG 3	3 680 000	1958
1959	---	1 010 ON MAY 7	21.2 ON AUG 15	3 580 000R	1959
1960	---	1 810 ON MAY 18 *	38.2 ON AUG 28	5 930 000R	1960
1961	784 AT 10:15 EST ON SEP 2	750 ON JUN 26	34.0 RB ON FEB 16	6 550 000R	1961
1962	---	1 070 ON MAY 8	38.5 ON JUL 4	4 700 000R	1962
1963	---	702 ON JUN 22	47.0 RB ON JAN 2	3 970 000R	1963
1964	---	1 140 ON MAY 1	33.1 RB ON APR 3	5 910 000R	1964
1965	---	1 040 ON MAY 17	34.3 RB ON APR 4	4 980 000R	1965
1966	---	711 ON MAY 21	32.8 ON SEP 28	5 180 000	1966
1967	1 270 AT 11:30 EST ON MAY 3 *	1 240 ON MAY 4	36.8 ON SEP 13	5 420 000	1967
1968	---	903 ON APR 25	---	---	1968
1969	885 AT 14:00 EST ON MAY 8	886 ON MAY 8	---	---	1969
1970	---	---	---	---	1970
1971	824 AT 08:00 EST ON MAY 14	818 ON MAY 14	33.1 ON SEP 3	4 390 000	1971
1972	773 AT 15:30 EST ON MAY 6	785 ON MAY 6	38.1 B ON FEB 16	4 690 000	1972
1973	833 AT 13:09 EST ON APR 23	824 ON APR 23	45.6 B ON JAN 1	5 140 000	1973
1974	776 AT 23:00 EST ON MAY 13	785 ON MAY 14	38.5 ON SEP 11	4 700 000	1974
1975	---	680E ON MAY 7	13.4 ON SEP 3	3 480 000	1975
1976	---	1 380 ON APR 21	17.1 ON SEP 3	3 890 000	1976
1977	---	1 180E ON APR 23	13.1 ON AUG 16	3 800 000	1977
1978	1 170 AT 08:12 EST ON MAY 15	1 180 ON MAY 15	23.2 B ON APR 19	4 810 000	1978
1979	---	1 420E ON MAY 12	29.2 B ON MAR 15	5 800 000	1979
1980	---	925E ON APR 30	30.2 ON SEP 18	3 850 000	1980
1981	877 AT 15:40 EST ON MAY 8	868 ON MAY 8	18.1 ON OCT 4	4 010 000	1981
1982	849 AT 12:40 EST ON MAY 4	845 ON MAY 4	24.5 ON SEP 2	4 390 000	1982
1983	1 010 AT 14:38 EST ON JUN 1	1 000 ON JUN 1	34.5 ON SEP 5	5 580 000	1983
1984	---	571 ON JUN 29	31.8 E ON SEP 20	4 370 000	1984
				4 580 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

GROUNDHOG RIVER AT HORWOOD LAKE - STATION NO. 04LC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1933	38.1	53.9	37.2	---	---	---	---	---	---	---	---	---	---	1933
1934	10.7	42.3	29.6	18.7	133	11.9	12.6	18.6 R	9.99R	2.06R	31.5	38.2	30.0R	1934
1935	18.4	29.8	42.1	48.4	83.7R	25.0 R	48.2	19.2	7.44R	21.2	15.8	13.0	30.8R	1935
1936	25.1	31.3	32.6	30.2	143	33.1 R	18.1 R	24.3 R	14.2 R	8.18R	3.02R	6.19	30.9R	1936
1937	20.0 R	30.0	31.4	34.8	72.7R	1.63R	21.0 R	38.2	16.5	27.5	31.0	32.7	29.8R	1937
1938	26.7	31.1	42.1	118	131	85.3	16.6 R	22.0 R	26.6 R	30.2	34.7	6.51R	47.5R	1938
1939	22.3	34.3	36.8	34.2	108	90.7	31.2	14.3	19.2 R	18.4 R	20.5 R	7.08R	38.4R	1939
1940	27.2	30.8	35.2	20.1	20.4R	84.5	53.2 R	9.88	34.5	8.33	32.4	25.8	32.6R	1940
1941	8.27	38.5	42.8	76.4	70.1	49.2	47.9	32.2	58.6	101	86.8	68.6	58.9	1941
1942	37.1	51.3	50.8	66.3	71.7	28.8	10.5	19.8 R	23.5 R	25.7	23.3	14.2	34.9R	1942
1943	26.8	29.8	37.0	30.2	31.8	78.6	26.4	14.8	18.7	18.2	0	4.20	28.2	1943
1944	11.1	35.7	35.3	31.7	40.1	44.2	15.1	13.8	22.1	20.7	22.6	7.84	24.8	1944
1945	26.5	31.8	37.5	36.5	64.8	61.6	28.2	3.84	7.18	11.6	24.4	19.4	29.4	1945
1946	18.8	32.4	37.0	68.0	28.7	54.6	32.2	35.3	1.12	8.10	26.2	32.2	31.3	1946
1947	16.5	35.6	43.6	36.3	154	155 R	44.0	18.3	36.1	14.5	17.9	14.7	48.9R	1947
1948	15.4	15.4	23.7	30.4	19.4	24.5	28.5	10.2	9.44	12.6	19.5	21.1	19.3	1948
1949	28.1	43.1	43.1	17.6	113	62.9	23.5	8.01	2.32	4.66	12.3	14.4	31.1	1949
1950	28.0	34.5	43.6	17.9	95.0	109	44.7	15.0	18.3	1.98	24.5	25.8	38.0	1950
1951	31.0	47.5	53.4	80.1	111	42.0	35.0	35.4	38.1	70.0	81.6	48.3	58.1	1951
1952	38.1	50.2	53.6	35.4	86.6	84.1	56.6	49.3	32.2	18.4	33.5	42.6	46.6	1952
1953	33.1	50.1	62.4	54.4	129	116	57.0	42.2	14.7	---	---	---	---	1953
1954	---	---	---	---	---	---	---	---	---	58.4	51.6	25.7	---	1954
1955	28.2	37.3	44.0	50.0	72.4	42.8	6.41	10.5	5.68	0	0	10.5	25.8	1955
1956	27.8	33.3	41.2	9.01	77.8	102	11.2	26.0	13.8	13.7	18.7	11.7	32.3	1956
1957	24.3	34.8	43.8	27.8	86.1	80.0	46.8	32.7	13.0	21.3	40.1	25.5	40.4	1957
1958	31.3	27.0	50.0	28.8	31.8	43.8	0.471	8.02	1.36	27.0	27.4	21.1	24.8	1958
1959	26.0	28.5	42.3	13.8	81.7	70.3	0	0	0	15.8	26.2	20.8	28.8	1959
1960	30.0	28.5	44.8	25.7	231	74.8	11.2	21.1	18.3	8.88	21.2	26.1	45.4	1960
1961	27.3	28.1	37.6	26.3	48.8	86.4	54.3	31.8	43.7	---	---	---	---	1961
MEAN	24.9 R	35.8	41.2	39.6	86.8R	64.1 R	29.1 R	21.3 R	18.8 R	21.8 R	26.1 R	22.4 R	35.1	MEAN

LOCATION - LAT 48 07 00 N LONG 82 16 30 W
DRAINAGE AREA, 3 370 km²
REGULATED
DATA CONTRIBUTED BY - SPRUCE FALLS POWER AND PAPER COMPANY
R - REVISED SINCE JAN 1980

GROUNDHOG RIVER AT HORWOOD LAKE - STATION NO. 04LC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1933	---	81.2 ON MAR 8	14.4 ON JAN 14	---	1933
1934	---	192 ON MAY 13	0.566 ON JAN 1	946 000R	1934
1935	---	120 ON MAY 6	1.13 ON JUN 10	973 000R	1935
1936	---	210 ON MAY 17	1.70 ON NOV 12	978 000R	1936
1937	---	133 ON JUL 28	1.13 ON JUL 9	943 000R	1937
1938	---	288 ON MAY 9	1.98 ON SEP 20	1 500 000R	1938
1939	---	222 ON MAY 15	3.40 ON SEP 24	1 150 000R	1939
1940	---	181 ON MAY 31	1.70 ON MAY 5	1 030 000R	1940
1941	---	178 ON MAY 8	1.98 ON JAN 5	1 790 000	1941
1942	---	163 ON MAY 3	2.27 ON AUG 9	1 100 000R	1942
1943	---	127 ON JUN 24	0 ON OCT 18 *	625 000	1943
1944	---	126 ON MAY 5	0 ON MAY 12	786 000	1944
1945	---	133 ON MAY 30	0 ON APR 5	928 000	1945
1946	---	110 ON MAY 28	0 ON MAY 7	886 000	1946
1947	---	222 ON MAY 21	0 ON AUG 13	1 540 000R	1947
1948	---	79.3 ON MAY 1	0 ON APR 14	810 000	1948
1949	---	216 ON MAY 6	0 ON APR 6	981 000	1949
1950	---	205 ON MAY 31	0 ON APR 19	1 200 000	1950
1951	---	186 ON MAY 7	0 ON JUN 6	1 770 000	1951
1952	---	226 ON JUN 9	0 ON APR 12	1 480 000	1952
1953	---	186 ON MAY 18	0 ON JUN 17	---	1953
1954	---	---	0 ON OCT 1	---	1954
1955	---	142 ON MAY 8	0 ON MAY 28	813 000	1955
1956	---	176 ON MAY 24	0 ON APR 12	1 020 000	1956
1957	---	146 ON JUL 17	0 ON APR 20	1 270 000	1957
1958	---	106 ON MAY 30	0 ON APR 8	785 000	1958
1959	---	116 ON JUN 18	0 ON APR 17	849 000	1959
1960	---	422 ON MAY 8 *	0 ON APR 13	1 430 000	1960
1961	---	142 ON MAY 18	0 ON MAY 2	---	1961
				1 110 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

GULL RIVER AT NORLAND - STATION NO. 02HF002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	15.2	7.80	11.3	15.7	17.4	16.5	12.2	14.0	11.7	---	1982
1983	10.4	7.82	7.89	12.2	12.8	14.2	22.1	22.1	20.0	10.2	8.68	7.85	13.1	1983
1984	9.69	10.6	8.76	10.9	20.1	20.2	20.0	18.1	17.1	10.0	5.14	4.29	13.1	1984
1985	8.38	10.1	8.79	25.6	30.3	18.8	18.9	18.4	17.9	25.5	29.9	37.3	20.9	1985
1986	28.9	17.8	16.4	11.2	15.3	23.4	24.3	22.1	16.5	8.89	11.4	40.2	19.9	1986
1987	31.4	20.7	14.8	22.8	16.8	28.3	37.2	23.3	22.5	27.5	52.3	40.2	28.3	1987
1988	31.9	28.8	16.5	15.3	7.61	8.47	13.7	18.4	16.8	14.7	7.33	8.38	15.9	1988
1989	8.85	12.7	10.8	21.8	41.1	26.4	23.4	19.8	22.4	16.7	10.4	14.8	19.3	1989
1970	11.4	9.26	8.98	18.0	15.8	18.8	21.0	19.7	19.8	18.9	21.3	19.5	17.0	1970
1971	18.1	14.4	13.3	28.7	26.3	17.4	18.7	19.1	17.4	15.8	9.45	12.5	17.7	1971
1972	14.1	14.3	10.7	23.2	35.2	20.3	18.7	22.3	17.7	21.2	33.9	31.1	21.7	1972
1973	28.5	28.4	33.2	31.2	33.2	21.5	19.8	19.0	17.8	20.7	11.8	16.9	23.7	1973
1974	20.8	20.4	18.1	31.8	57.8	22.0	14.2	17.3	14.8	30.5	36.4	34.3	26.8	1974
1975	20.6	17.0	20.5	23.9	20.5	14.0	18.8	17.6	13.3	13.5	11.0	13.7	18.9	1975
1976	17.6	16.9	34.3	44.5	20.4	14.9	18.8	20.9	16.3	14.8	14.2	12.4	20.5	1976
1977	11.3	10.5	17.2	15.2	9.45	16.8	12.5	12.6	12.0	11.8	21.7	28.8	15.3	1977
1978	22.0	14.6	9.80	18.4	21.5	13.7	20.2	15.3	18.8	17.1	17.6	20.0	17.4	1978
1979	19.8	18.2	26.1	28.1	36.7	17.8	16.7	16.5	19.5	19.8	27.2	37.8	24.1	1979
1980	27.0	10.3	11.1	46.0	15.4	19.8	28.4	33.4	28.5	23.3	31.3	26.0	25.1	1980
1981	17.0	21.1	17.0	31.5	26.2	17.1	16.4	15.8	20.8	26.0	19.4	15.0	20.3	1981
1982	14.8	13.8	13.0	40.1	17.0	23.8	23.8	18.1	16.3	16.5	32.5	53.4	23.7	1982
1983	37.3	18.4	10.7	16.6	55.6	26.2	21.1	15.7	14.8	11.8	11.2	18.1	21.5	1983
1984	16.3	18.6	30.3	28.0	13.2	18.8	18.7	19.3	25.3	16.0	16.4	22.6	20.1	1984
MEAN	19.4	16.1	16.5	24.4	24.2	19.0	20.0	19.4	18.5	17.7	19.8	23.0	20.1	MEAN

LOCATION - LAT 44 43 55 N DRAINAGE AREA, 1 280 km²
LONG 78 49 08 W REGULATED

GULL RIVER AT NORLAND - STATION NO. 02HF002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	29.4 AT 04:00 EST ON APR 3	29.4 ON APR 3	4.50 ON APR 23	412 000	1983
1984	37.9 AT 11:00 EST ON MAY 28	37.4 ON MAY 28	1.37 ON DEC 22 *	414 000	1984
1985	49.8 AT 14:00 EST ON APR 18	48.2 ON OCT 26	5.35 ON JAN 8	859 000	1985
1986	64.4 AT 10:00 EST ON DEC 10	54.1 ON DEC 10	5.52 ON NOV 2	828 000	1986
1987	80.0 AT 08:00 EST ON NOV 6	59.7 ON NOV 6	11.6 ON MAR 27	891 000	1987
1988	43.0 AT 00:01 EST ON JAN 1	42.8 ON JAN 1	4.25 ON JUN 7	504 000	1988
1989	64.3 AT 06:15 EST ON MAY 24	64.0 ON MAY 24	8.82 ON MAR 18	809 000	1989
1970	36.0 AT 18:48 EST ON APR 25	34.0 ON APR 26	7.70 ON MAR 30	536 000	1970
1971	49.8 AT 12:52 EST ON APR 21	48.0 ON APR 23	7.22 ON NOV 24	559 000	1971
1972	57.5 AT 08:28 EST ON MAY 19	56.6 ON MAY 19	8.27 ON APR 3	687 000	1972
1973	82.7 AT 18:36 EST ON MAR 15	62.1 ON MAR 18	8.30 ON NOV 20	746 000	1973
1974	78.4 AT 11:28 EST ON MAY 17	77.8 ON MAY 17	11.1 ON APR 2	838 000	1974
1975	46.7 AT 11:12 EST ON APR 25	43.0 ON APR 25	9.71 ON NOV 30	533 000	1975
1976	80.7 AT 08:47 EST ON APR 2 *	80.4 ON APR 2 *	6.12 ON MAY 15	648 000	1976
1977	32.3 AT 01:44 EST ON DEC 22	32.0 ON DEC 20	2.42 ON MAY 10	481 000	1977
1978	37.7 AT 12:38 EST ON MAY 18	38.8 ON MAY 18	8.30 ON MAY 8	549 000	1978
1979	55.5 AT 08:21 EST ON MAY 14	54.2 ON MAY 14	12.6 ON JUN 4	759 000	1979
1980	59.5 AT 10:15 EST ON APR 18	58.0 ON APR 18	5.95 ON MAR 17	782 000	1980
1981	54.7 AT 15:41 EST ON FEB 25	54.0 ON FEB 25	10.7 ON MAR 22	639 000	1981
1982	61.4 AT 23:50 EST ON APR 20	61.2 ON APR 21	11.6 ON MAR 8	748 000	1982
1983	70.2 AT 08:51 EST ON MAY 15	69.8 ON MAY 15	7.27 ON APR 28	679 000	1983
1984	42.1 AT 11:43 EST ON DEC 31	41.7 ON APR 6	6.31 ON MAY 2	637 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		634 000	MEAN

HALFWAY CREEK AT MOOSONEE - STATION NO. 04KA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	1.87	1.45	1.21	0.846	0.657	0.385	0.054	---	1976
1977	0.010	0.006	0.018	1.82	5.87	0.912	1.51	1.52	1.89	1.57	---	---	---	1977
1978	---	---	---	---	---	---	---	---	1.17	2.15	0.895	0.213	---	1978
1979	0.080	0.052	0.046	1.19	5.81	1.30	0.295	0.430	1.44	2.82	1.42	0.854	1.29	1979
1980	0.193	0.089	0.081	0.361	5.07	2.07	1.31	0.830	0.575	2.08	0.989	0.224	1.18	1980
1981	0.092	0.081	0.058	1.15	3.26	3.00	0.628	0.118	0.283	0.410	0.219	0.088	0.899	1981
1982	0.047	0.044	0.048	0.074	6.22	2.26	1.77	0.729	1.19	1.38	1.20	0.370	1.46	1982
1983	0.083	0.033	0.036	0.044	5.29	2.26	0.584	0.153	0.148	2.02	1.71	0.417	1.07	1983
1984	0.058	0.033	0.029	3.33	6.64	4.68	3.16	1.03	0.580	1.58	0.857	0.400	1.87	1984
MEAN	0.077	0.045	0.042	1.14	5.88	2.17	1.34	0.763	0.880	1.63	0.982	0.300	1.26	MEAN

LOCATION - LAT 51 15 18 N DRAINAGE AREA, 133 km²
LONG 80 39 14 W NATURAL FLOW

HALFWAY CREEK AT MOOSONEE - STATION NO. 04KA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	0.021B ON DEC 31	---	1976
1977	---	10.5 B ON APR 26	0.008B ON FEB 8 *	---	1977
1978	---	---	---	---	1978
1979	---	7.60E ON MAY 10	0.041B ON MAR 10	40 600	1979
1980	---	10.0 ON MAY 2	0.055B ON MAR 29	36 700	1980
1981	5.43 AT 15:16 EST ON MAY 5	4.54 ON MAY 5	0.049B ON DEC 26	22 000	1981
1982	24.3 AT 01:03 EST ON MAY 5 *	22.4 ON MAY 5 *	0.043B ON FEB 25	46 000	1982
1983	---	11.0 B ON MAY 5	0.030B ON FEB 27	33 800	1983
1984	20.0 B AT 17:20 EST ON APR 26	19.6 B ON APR 26	0.027B ON MAR 13	59 100	1984
				39 700	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HARMONY CREEK AT OSHAWA - STATION NO 02HD013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	0.346R	0.104	0.138	0.330	0.312	0.372	---	1980
1981	0.082	1.69	0.286	0.230	0.148	0.078	0.146	0.127	0.492	0.353	0.280	0.095	0.322	1981
1982	0.207	0.070	1.87	0.879	0.224	0.758	0.211	0.144	0.194	0.193	0.576	0.571	0.494	1982
1983	0.413	0.686	0.780	0.872	0.694	0.130	0.080	0.099	0.071	0.237	0.426	0.580	0.418	1983
1984	0.095	1.30	0.868	0.993	0.372	0.108	0.082	0.106	0.167	0.095	0.313	0.277	0.391	1984
MEAN	0.199	0.937	0.946	0.744	0.360	0.269	0.165R	0.118	0.212	0.242	0.381	0.378	0.407	MEAN

LOCATION - LAT 43 53 15 N LONG 78 49 30 W
DRAINAGE AREA, 41.6 km^2
NATURAL FLOW
R - REVISED SINCE JAN 1980

REMARKS - STATION DISCONTINUED JUL 02 1985

HARMONY CREEK AT OSHAWA - STATION NO. 02HD013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	---	10.0 B ON FEB 20	0.027 ON JUL 13	10 100	1981
1982	29.0 AT 20:07 EST ON JUN 10	8.52 ON MAR 31	0.035B ON FEB 11	15 800	1982
1983	16.8 AT 10:46 EST ON MAR 19	8.05 ON MAR 19	0.019 ON JUL 26 *	13 200	1983
1984	35.6 AT 08:00 EST ON FEB 14 *	19.6 ON FEB 14 *	0.020B ON JAN 12	12 400	1984
				12 800	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HARRIS CREEK NEAR NAISCOOT - STATION NO. 02EA009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	1.08	4.94	1.19	---	1945
1946	3.95	1.56	13.3	12.0	3.26	1.27	0	0	0	---	---	---	---	1946
1947	---	---	---	---	18.5	5.17	0.819	0.488	0.875	0.588	1.09	1.98	---	1947
1948	0.783	0.566	7.48	24.1	4.87	1.17	0.188	0.120	0	---	---	---	---	1948
MEAN	2.37	1.06	10.4	18.1	8.88	2.87	0.336	0.203	0.325	0.814	3.02	1.59	---	MEAN

LOCATION - LAT 45 40 54 N LONG 80 28 08 W
DRAINAGE AREA, 46.6 km^2
REGULATED

HARRIS CREEK NEAR NAISCOOT - STATION NO. 02EA009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	27.0 ON MAR 25	---	---	1946
1947	---	---	---	---	1947
1948	---	34.0 ON APR 2 *	---	---	1948
				---	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HARRIS RIVER AT HIGHWAY NO. 69 - STATION NO. 02EA013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	1.84	1.66	9.26	25.8	5.79	0.838	0.014	0	0	---	---	3.28	---	1976
1977	2.14	1.64	10.0	18.3	3.02	0.028	0.003	0	1.35	8.78	13.8	10.4	5.79	1977
1978	1.88	0.975	1.12	11.0	11.9	0.935	0.071	0.007	0.278	4.01	2.58	3.48	3.19	1978
1979	2.15	1.26	8.59	22.5	8.98	1.43	0.203	0.373	0.133	1.31	6.98	8.15	5.26	1979
1980	4.15	1.05	2.77	23.5	3.96	2.32	1.96	0.773	0.729	3.81	6.60	3.69	4.59	1980
1981	1.24	4.80	11.1	18.0	5.45	2.22	0.815	0.105	5.76	5.93	2.40	2.52	5.02	1981
1982	0.847	0.181	1.72	20.8	5.84	0.082	0.002	0.001	0.225	3.47	7.20	12.5	4.49	1982
1983	9.86	2.27	7.01	10.1	15.4	5.77	0.080	0.028	0.138	1.34	2.61	6.43	5.12	1983
1984	1.80	6.81	8.79	17.4	6.32	7.17	2.32	0.811	0.170	0.447	9.31	5.40	5.35	1984
MEAN	2.83	2.32	6.60	18.6	7.50	2.31	0.620	0.233	0.978	3.64	6.43	6.31	4.85	MEAN

LOCATION - LAT 45 41 15 N DRAINAGE AREA, 35.5 km²
LONG 80 26 22 W NATURAL FLOW

REMARKS - FLOWS INCLUDE SPILL FROM THE MAGNETAWAN RIVER BASIN DURING HIGH WATER CONDITIONS

HARRIS RIVER AT HIGHWAY NO. 69 - STATION NO. 02EA013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1976	---	49.0E ON APR 3 *	0 ON JUN 22 *	---	1976
1977	---	28.6E ON APR 5	0 ON JUL 22	183 000	1977
1978	22.4 AT 14:48 EST ON APR 29	22.3 ON APR 29	0 ON JUL 8	101 000	1978
1979	30.0 AT 01:09 EST ON APR 5	29.8 ON APR 4	0 ON JUL 15	186 000	1979
1980	38.3 AT 15:42 EST ON APR 16 *	38.0 ON APR 15	0.095 ON AUG 28	145 000	1980
1981	29.9 AT 10:48 EST ON APR 11	29.7 ON APR 11	0.020 ON AUG 23	158 000	1981
1982	37.4 AT 20:22 EST ON APR 22	37.2 ON APR 22	0 E ON JUL 11	142 000	1982
1983	26.4 AT 13:10 EST ON MAY 9	26.2 ON MAY 9	0.002E ON AUG 17	181 000	1983
1984	---	22.0E ON APR 18	0.020E ON SEP 9	169 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		153 000	MEAN

E - ESTIMATED

HAWKROCK RIVER AT GRAVENHURST - STATION NO. 02EB104

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	1.31	1.49	0.260	0.028	0.048	0.709	1.88	0.608	---	1969
1970	---	---	---	3.02	0.713	0.213	0.789	0.083	0.125	0.859	1.10	0.789	---	1970
1971	---	---	---	---	0.696	0.202	0.243	0.124	0.103	0.144	0.554	---	---	1971
1972	---	---	---	---	0.879	0.184	0.043	0.138	0.138	0.898	1.00	---	---	1972
1973	---	---	---	1.58	0.805	0.710	0.095	---	0.024	0.585	---	---	---	1973
1974	---	---	---	---	1.15	---	---	0.057	---	1.22	---	---	---	1974
1975	---	---	---	---	---	---	---	0.027	0.442	0.492	1.69	---	---	1975
1976	---	---	---	---	0.358	0.284	---	---	---	---	---	---	---	1976
MEAN	---	---	---	2.29	0.844	0.518	0.285	0.076	0.147	0.701	1.25	0.699	---	MEAN

LOCATION - LAT 44 55 56 N DRAINAGE AREA, 40.7 km²
LONG 79 21 23 W NATURAL FLOW

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

HAWKROCK RIVER AT GRAVENHURST - STATION NO. 02EB104

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	5.24 ON APR 3 *	0.014 ON JUL 22	---	1973
1974	---	---	---	---	1974
1975	---	---	0.003E ON AUG 1 *	---	1975
1976	---	---	---	---	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

E - ESTIMATED

HEMLOCK CREEK NEAR PORT BURWELL - STATION NO. 02GC025

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.078	0.108	0.203	0.174	0.103	0.065	0.050	0.026	0.044	0.048	0.124	0.138	0.097	1970
1971	0.084	0.152	0.235	0.157	0.089	0.058	0.022	0.027	0.030	0.033	0.037	0.064	0.082	1971
1972	0.071	0.029	0.481	0.214	0.129	0.084	0.108	0.074	0.065	0.084	0.152	0.231	0.144	1972
1973	0.130	0.089	0.378	0.188	0.135	0.132	0.039	0.041	0.033	0.048	0.090	0.132	0.120	1973
1974	0.190	0.156	0.305	0.241	0.274	0.130	0.075	0.039	0.041	0.045	0.070	0.105	0.139	1974
1975	0.128	0.176	0.250	0.183	0.101	0.126	0.088	0.089	0.172	0.107	0.153	0.214	0.148	1975
1976	0.146	0.387	0.543	0.208	0.175	---	---	---	---	---	---	---	---	1976
MEAN	0.118	0.158	0.342	0.195	0.144	0.089	0.061	0.051	0.064	0.081	0.104	0.147	0.122	MEAN

LOCATION - LAT 42 39 07 N DRAINAGE AREA, 10.1 km²
LONG 80 46 14 W REGULATED

HEMLOCK CREEK NEAR PORT BURWELL - STATION NO. 02GC025

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	0.651 AT 20:30 EST ON APR 2	0.4538 ON MAR 5	0.019 ON AUG 13	3 050	1970
1971	1.06 AT 00:45 EST ON FEB 28	0.894 ON FEB 27	0.009 ON AUG 7	2 560	1971
1972	2.15 AT 10:00 EST ON MAR 14 *	1.96 ON MAR 14 *	0.0258 ON FEB 5	4 570	1972
1973	1.28 AT 23:27 EST ON MAR 14	1.00 ON MAR 15	0.005 ON JUL 21 *	3 790	1973
1974	1.13 AT 12:09 EST ON MAR 5	0.994 ON MAR 5	0.017 ON JUL 22	4 400	1974
1975	0.923 AT 21:28 EST ON AUG 24	0.848 ON FEB 24	0.018 ON AUG 2	4 680	1975
1976	---	---	---	---	1976
				3 840	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

HIGHLAND CREEK NEAR WEST HILL - STATION NO. 02HC013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	---	---	0.523	0.521	---	---	1956
1957	---	1.68	0.908	---	0.687	0.934	---	---	0.474	0.223	0.510	1.42	---	1957
1958	0.297	0.821	1.44	0.570	0.314	0.230	0.184	0.283	0.439	0.294	0.535	0.272	0.486	1958
1959	0.390	0.278	3.57	1.48	0.731	0.227	0.100	0.100	0.307	0.382	0.367	0.584	0.720	1959
1960	0.462	1.23	1.58	3.06	2.41	0.538	0.302	0.249	0.227	0.515	0.239	0.228	0.917	1960
1961	0.131	0.825	0.953	0.928	0.605	0.384	0.432	0.330	0.425	0.260	0.389	0.403	0.502	1961
1962	0.298	0.256	2.14	0.600	0.294	0.304	0.354	0.220	0.387	0.878	0.992	0.672	0.803	1962
1963	0.291	0.208	1.80	0.720	0.732	0.284	0.367	0.575	0.324	0.257	0.514	0.248	0.529	1963
1964	0.649	0.274	1.34	0.739	0.404	0.308	1.30	0.748	0.257	0.373	0.355	0.487	0.807	1964
1965	0.374	1.35	1.58	1.61	0.437	0.565	0.457	0.441	0.395	0.822	1.03	0.676	0.808	1965
1966	0.587	0.788	2.06	0.720	0.531	0.392	0.305	0.473	0.384	0.272	0.778	1.05	0.693	1966
1967	0.927	0.657	1.59	2.18	0.762	0.754	0.499	0.434	0.466	0.618	0.768	0.931	0.880	1967
1968	1.01	1.42	2.18	0.691	0.701	0.555	0.349	0.400	0.514	0.380	0.752	0.671	0.800	1968
1969	0.761	0.639	1.21	1.28	0.950	0.586	0.527	0.602	0.441	0.536	0.631	0.563	0.728	1969
1970	0.225	0.156	0.729	1.28	0.836	0.448	0.527	0.380	0.434	0.560	0.641	0.693	0.576	1970
1971	0.617	1.04	1.67	1.39	0.832	0.692	0.540	0.476	0.320	0.558	0.523	1.01	0.788	1971
1972	1.11	0.494	2.26	3.76	0.696	0.848	0.814	0.843	0.835	0.985	1.26	1.76	1.27	1972
1973	1.25	1.34	3.36	1.81	1.33	0.849	0.811	0.843	0.740	1.04	1.16	0.928	1.28	1973
1974	---	---	---	---	---	---	---	---	---	---	0.727	1.18	---	1974
1975	0.644	1.84	2.51	1.39	1.70	1.15	1.88	2.73	1.35	1.21	0.818	0.816	1.45	1975
1976	0.385	1.47	3.51	1.81	0.787	2.47	2.32	2.08	2.38	2.23	2.82	3.92	2.20	1976
1977	1.22	0.341	2.83	2.46	0.711	0.580	0.548	0.903	1.43	0.572	0.884	0.774	1.09	1977
1978	0.882	0.482	1.84	1.28	0.853	0.517	0.418	0.498	0.774	1.25	1.00	1.77	0.934	1978
1979	0.705	0.418	3.69	2.09	0.980	1.22	1.03	0.872	0.785	1.20	0.857	0.988	1.22	1979
1980	0.474	3.06	0.580	0.722	1.18	0.907	0.999	1.25	1.34	1.72	1.23	0.852	1.18	1980
1981	1.13	0.897	3.94	1.69	1.01	1.65	0.822	1.28	1.37	0.896	1.42	1.68	1.47	1981
1982	1.01	1.34	1.66	2.01	1.88	0.788	0.617	1.35	0.908	1.37	2.00	1.71	1.39	1982
1983	0.483	3.23	2.08	2.01	1.85	1.23	1.08	1.13	1.82	0.889	1.29	1.03	1.44	1983
1984	---	---	---	---	---	---	---	---	---	---	---	---	---	1984
MEAN	0.642	1.01	2.04	1.52	0.907	0.748	0.672	0.770	0.783	0.747	0.898	0.992	0.980	MEAN

LOCATION - LAT 43 46 45 N DRAINAGE AREA, 88.1 km²
LONG 79 10 28 W NATURAL FLOW

HIGHLAND CREEK NEAR WEST HILL - STATION NO. 02HC013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	---	4.398 ON FEB 27	0.0858 ON JAN 20	14 400	1958
1959	---	21.6 ON MAR 20	0.028 ON JUL 12 *	22 700	1959
1960	---	20.2 ON MAR 31	0.085 ON NOV 13	29 000	1960
1961	11.4 AT 10:30 EST ON SEP 3	8.16 ON FEB 23	0.0858 ON JAN 21	15 800	1961
1962	25.4 AT 09:00 EST ON NOV 10	11.6 ON NOV 10	0.098 ON AUG 2	19 000	1962
1963	18.9 AT 22:20 EST ON AUG 3	8.50 ON MAR 17	0.1708 ON FEB 23	18 700	1963
1964	31.1 AT 10:30 EST ON JUL 13	14.5 ON JUL 13	0.184 ON JUN 11	19 200	1964
1965	38.0 AT 20:00 EST ON FEB 10	17.8 ON FEB 10	0.170 ON JUN 5	25 500	1965
1966	---	12.9 B ON MAR 1	0.190 ON SEP 19	21 900	1966
1967	---	26.6 E ON APR 3	0.1988 ON JAN 11	27 700	1967
1968	27.8 AT 05:40 EST ON SEP 6	13.4 ON FEB 2	0.212E ON AUG 15	25 300	1968
1969	12.9 AT 14:07 EST ON APR 18	6.60 ON APR 18	0.280 ON JUL 20	23 000	1969
1970	21.2 AT 07:57 EST ON APR 20	4.70 ON APR 20	0.1428 ON FEB 4	18 200	1970
1971	31.4 AT 17:50 EST ON JUN 12	7.62 ON APR 2	0.189 ON AUG 20	24 800	1971
1972	32.3 AT 08:20 EST ON APR 13	14.6 ON APR 13	0.266 ON AUG 30	40 300	1972
1973	63.1 AT 15:25 EST ON MAR 11	20.1 ON FEB 2	0.2278 ON DEC 18	40 400	1973
1975	---	---	---	---	1975
1976	---	21.6 E ON AUG 29	0.2418 ON DEC 3	45 700	1976
1977	---	29.4 E ON MAR 13	0.178 ON MAY 30	69 400	1977
1978	---	13.3 ON APR 7	0.113E ON MAY 4	34 400	1978
1979	46.7 AT 17:18 EST ON DEC 26	19.5 ON DEC 26	0.222E ON AUG 22	39 500	1979
1980	---	62.4 A ON MAR 21 *	0.2788 ON FEB 3	38 700	1980
1981	45.5 AT 08:32 EST ON SEP 4	19.0 E ON FEB 11	0.3008 ON JAN 5	38 600	1981
1982	87.0 AT 07:39 EST ON AUG 26	25.6 ON MAR 13	0.2808 ON JAN 25	46 300	1982
1983	53.5 AT 15:55 EST ON AUG 27	16.7 ON MAR 19	0.4008 ON DEC 31	43 700	1983
1984	92.6 AT 07:19 EST ON FEB 14 *	37.6 ON FEB 14 *	0.3228 ON JAN 23	45 700	1984
				31 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

HOLLAND RIVER AT HOLLAND LANDING - STATION NO. 02EC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	---	---	---	---	0.705	1.05	1.33	---	1985
1986	0.594	1.15	2.88	1.18	0.888	0.493	0.177	0.276	0.333	0.378	0.883	1.20	0.874	1986
1987	0.807	0.578	2.10	2.69	0.955	2.38	2.15	0.880	0.648	1.38	2.01	1.82	1.64	1987
1988	0.812	1.96	5.00	1.67	1.41	0.712	0.403	0.430	0.398	0.449	0.880	0.878	1.25	1988
1989	1.89	1.08	3.01	3.26	1.90	0.643	0.384	0.458	0.292	0.481	0.814	0.548	1.23	1989
1970	0.581	0.614	1.93	4.07	0.949	0.404	0.484	0.281	0.432	0.534	0.758	0.788	0.982	1970
1971	0.487	0.642	1.73	4.55	0.725	0.382	0.481	0.518	0.435	0.487	0.481	0.939	0.983	1971
1972	0.664	0.525	1.02	5.75	0.880	0.588	0.500	0.478	0.388	0.780	1.01	1.20	1.23	1972
1973	1.06	1.51	4.13	3.64	1.45	0.745	0.405	0.554	0.359	0.527	1.23	0.882	1.38	1973
1974	1.74	1.11	3.08	2.64	2.70	0.735	1.01	0.492	0.404	0.521	1.03	0.837	1.38	1974
1975	0.992	3.51	2.86	3.33	1.42	0.613	0.426	0.428	0.531	0.497	0.656	0.857	1.31	1975
1976	0.969	2.47	4.83	2.21	2.00	0.660	1.86	0.903	0.745	1.01	0.818	0.902	1.51	1976
1977	0.339	0.555	4.14	1.37	0.939	0.542	0.911	1.56	1.24	2.49	2.11	2.29	1.55	1977
1978	1.45	0.895	2.41	7.24	2.32	0.660	0.420	0.615	0.901	0.915	0.904	0.850	1.63	1978
1979	0.893	0.552	5.70	2.76	2.14	0.620	0.410	0.715	0.624	1.22	1.79	2.50	1.67	1979
1980	1.82	0.448	3.41	3.98	1.30	0.782	1.17	0.584	0.778	0.977	1.18	1.54	1.48	1980
1981	0.578	5.00	1.32	1.25	1.47	0.710	0.882	0.920	1.50	1.57	1.88	0.972	1.48	1981
1982	0.805	0.371	4.53	4.47	0.981	1.50	1.15	0.804	1.05	1.19	3.05	3.44	1.95	1982
1983	1.68	1.97	1.98	2.89	2.62	0.851	0.488	0.849	0.528	0.764	1.41	1.21	1.42	1983
1984	0.521	4.32	3.78	2.88	1.72	0.528	0.333	0.481	0.635	0.423	0.780	0.895	1.40	1984
MEAN	1.00	1.84	3.14	3.25	1.83	0.764	0.729	0.633	0.644	0.864	1.23	1.25	1.38	MEAN

LOCATION - LAT 44 05 41 N LONG 79 29 24 W DRAINAGE AREA, 181 km^2 NATURAL FLOW

HOLLAND RIVER AT HOLLAND LANDING - STATION NO. 02EC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1985	---	---	---	---	1985
1986	22.28 AT 08:45 EST ON MAR 1	13.59 ON MAR 1	0.119 ON JUL 25	27 600	1986
1987	43.6 AT 19:15 EST ON JUN 12	13.3 ON JUN 13	0.314 ON JUN 5	48 500	1987
1988	24.48 AT 19:00 EST ON FEB 2	13.28 ON FEB 2	0.221 ON SEP 2	39 500	1988
1989	19.2 AT 02:58 EST ON MAR 21	15.0 ON MAR 21	0.085 ON JUL 19	38 600	1989
1970	14.4 AT 02:18 EST ON APR 9	12.5 ON APR 9	0.224 ON AUG 18	30 900	1970
1971	21.4 AT 19:01 EST ON APR 2	18.6 ON APR 2	0.201 ON AUG 6	31 000	1971
1972	37.7 AT 20:28 EST ON APR 13	30.0 ON APR 13	0.142 ON JUN 10	38 000	1972
1973	35.7 AT 19:22 EST ON FEB 2	15.8 ON FEB 2	0.078 ON SEP 28 *	43 700	1973
1974	44.2 AT 02:45 EST ON MAR 5	31.4 ON MAR 5	0.284 ON AUG 26	43 500	1974
1975	87.5 AT 21:32 EST ON FEB 24 *	38.5 ON FEB 24	0.241 ON AUG 21	41 300	1975
1976	34.6 AT 00:12 EST ON MAR 21	22.1 ON MAR 20	0.286 ON NOV 23	47 900	1976
1977	45.9 AT 21:34 EST ON AUG 16	19.9 ON MAR 13	0.2808 ON FEB 21	48 900	1977
1978	38.5 AT 18:53 EST ON APR 1	24.7 ON APR 7	0.302 ON AUG 1	51 400	1978
1979	31.9 AT 22:00 EST ON MAR 4	23.5 ON MAR 5	0.214 ON JUN 23	52 800	1979
1980	29.8 AT 15:49 EST ON MAR 21	21.2 ON MAR 21	0.342 ON JUL 14	46 800	1980
1981	28.0 AT 19:18 EST ON FEB 18	20.3 ON FEB 19	0.330 ON JUL 18	45 600	1981
1982	45.6 AT 22:36 EST ON MAR 31	34.6 ON MAR 31	0.238 ON JUL 19	61 600	1982
1983	20.7 AT 10:25 EST ON FEB 3	14.7 ON FEB 3	0.285 ON OCT 2	44 600	1983
1984	87.1 AT 12:10 EST ON FEB 14	42.3 ON FEB 14 *	0.208 ON AUG 27	46 400	1984
				43 600	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

HORNER CREEK NEAR PRINCETON - STATION NO. 02CB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	---	0.285	0.419	---	1953
1954	0.538	5.59	5.76	5.42	1.08	0.348	0.153	0.083	0.149	2.38	0.917	1.02	1.93	1954
1955	2.10	0.775	5.41	3.30	0.508	0.225	0.102	0.100	0.175	0.843	1.57	1.94	1.39	1955
1956	0.616	0.841	5.44	5.16	5.09	1.43	1.15	3.67	3.81	1.35	1.25	2.59	2.78	1956
1957	2.29	2.48	3.48	3.84	1.48	0.824	1.81	0.238	0.800	0.717	2.30	4.05	2.05	1957
1958	1.08	0.617	2.76	1.72	0.439	0.257	0.383	0.082	0.532	0.339	0.805	0.614	0.820	1958
1959	0.872	1.29	7.29	6.89	1.93	0.761	0.382	0.178	0.285	1.08	2.17	2.78	2.15	1959
1960	1.43	1.23	2.21	12.8	3.17	1.62	0.862	0.858	0.284	0.281	0.381	0.233	2.03	1960
1961	0.123	4.38	2.37	2.85	1.64	0.677	0.488	0.327	0.289	0.194	0.587	1.03	1.19	1961
1962	0.416	0.308	5.79	2.85	0.724	0.445	0.168	0.322	0.178	0.402	0.912	0.678	1.11	1962
1963	0.334	0.294	5.89	2.37	1.27	0.494	0.248	0.184	0.137	0.107	0.128	0.172	0.958	1963
1964	0.311	0.417	2.87	2.72	1.37	0.329	0.191	0.856	0.274	0.308	0.299	2.41	1.03	1964
1965	2.05	7.82	5.52	9.30	1.43	0.309	0.167	0.188	0.187	0.310	0.922	2.80	2.52	1965
1966	1.02	1.48	3.14	2.05	1.47	0.849	0.153	0.342	0.184	0.326	1.41	4.35	1.40	1966
1967	2.45	1.37	4.21	5.18	1.82	3.09	1.43	1.47	0.774	2.19	2.30	5.22	2.82	1967
1968	0.751	5.92	4.46	2.05	0.817	0.793	0.334	0.278	0.417	0.352	0.685	1.47	1.54	1968
1969	2.05	3.56	5.42	5.77	2.43	0.681	0.250	0.256	0.130	0.112	0.349	0.748	1.80	1969
1970	0.300	0.580	2.89	4.97	1.83	0.372	0.807	0.317	0.275	0.373	0.877	2.34	1.32	1970
1971	1.45	1.25	5.31	6.36	0.905	0.471	0.244	0.194	0.177	0.192	0.234	0.513	1.44	1971
1972	0.904	0.583	5.50	8.75	1.85	1.18	1.17	0.589	0.348	1.05	2.04	1.52	2.10	1972
1973	3.04	2.38	9.57	3.08	1.75	0.845	0.271	0.209	0.161	0.280	1.31	1.53	2.02	1973
1974	3.75	2.82	4.78	3.88	3.30	1.20	0.586	0.268	0.283	0.356	0.807	0.885	1.87	1974
1975	1.72	3.01	4.77	4.82	1.27	1.30	0.546	0.762	0.803	0.514	1.07	1.98	1.85	1975
1976	1.35	6.32	7.46	3.18	2.57	0.565	0.631	1.85	0.638	0.883	1.01	1.05	2.28	1976
1977	0.315	0.276	7.63	3.36	0.589	0.670	0.414	0.364	2.79	3.29	2.07	3.86	2.18	1977
1978	1.55	1.06	3.25	9.09	2.08	0.857	0.210	0.134	0.685	0.510	0.789	1.12	1.74	1978
1979	1.05	0.714	8.26	6.83	2.00	0.717	0.353	0.541	0.417	0.815	2.14	4.00	2.30	1979
1980	2.36	0.770	4.47	4.40	1.75	0.884	0.587	0.436	0.377	0.751	0.714	1.22	1.58	1980
1981	0.378	6.63	2.08	2.23	1.37	0.599	0.276	0.255	0.851	1.58	1.28	0.819	1.49	1981
1982	0.699	0.536	5.23	8.36	1.88	2.34	0.811	0.788	1.88	0.540	3.40	6.55	2.74	1982
1983	2.24	3.03	2.79	3.59	4.42	1.82	0.706	3.16	1.17	1.22	1.80	4.07	2.48	1983
1984	0.885	7.76	4.11	3.50	1.54	1.70	0.787	0.282	0.765	0.498	1.07	2.27	2.07	1984
MEAN	1.30	2.44	4.84	4.82	1.83	0.904	0.531	0.611	0.641	0.765	1.18	2.08	1.83	MEAN

LOCATION - LAT 49 10 30 N DRAINAGE AREA, 150 km²
LONG 80 33 12 W REGULATED

HORNER CREEK NEAR PRINCETON - STATION NO. 02CB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	50.4 E ON FEB 17	0.057 ON AUG 2	60 800	1954
1955	---	28.9 E ON MAR 12	B ON JUL 28 *	43 700	1955
1956	---	38.5 E ON MAY 12	0.3688 ON JAN 25	88 100	1956
1957	---	20.5 ON DEC 21	B.142 ON AUG 7	64 800	1957
1958	---	5.86 ON MAR 24	0.028 ON AUG 18	25 900	1958
1959	33.4R ON APR 2	30.6 E ON APR 3	0 ON AUG 5	67 700	1959
1960	58.3R ON MAR 31 *	42.5 ON APR 1	0.023 ON OCT 20	84 100	1960
1961	---	27.5 ON FEB 25	0.089 ON SEP 19	37 800	1961
1962	---	21.6 ON MAR 25	0.006 ON JUL 13	34 900	1962
1963	---	29.2 ON MAR 28	0.068 ON NOV 17	30 200	1963
1964	---	14.2 ON DEC 28	0 ON JUL 30	32 400	1964
1965	---	52.7 B ON FEB 11 *	0.102 ON AUG 27	79 500	1965
1966	---	22.9 ON DEC 6	0 ON JUL 18	44 100	1966
1967	---	28.5 ON DEC 23	0.130 ON JUN 7	62 800	1967
1968	---	39.4 B ON FEB 3	0.007 ON JUL 28	48 800	1968
1969	---	20.1 B ON FEB 1	0.057 ON OCT 14	56 800	1969
1970	---	13.6 ON APR 4	0.215 ON AUG 29	41 500	1970
1971	---	33.7 ON APR 3	0.153 ON SEP 20	46 400	1971
1972	---	24.1 A ON APR 14	0.227 ON SEP 7	56 500	1972
1973	30.9 AT 12:06 EST ON MAR 12	24.5 ON MAR 12	0.068 ON SEP 12	63 800	1973
1974	36.6 AT 19:41 EST ON MAR 5	30.6 ON JAN 26	0.190 ON AUG 20	58 900	1974
1975	34.3 AT 02:16 EST ON APR 20	28.7 ON FEB 25	0.212 ON JUL 11	58 500	1975
1976	31.4 AT 17:42 EST ON MAR 6	20.7 ON MAR 21	0.328 ON SEP 8	72 000	1976
1977	41.1 AT 21:27 EST ON MAR 13	30.9 ON MAR 14	0.150 ON JUL 30	66 800	1977
1978	30.6 AT 16:15 EST ON APR 2	23.1 ON APR 6	0.054 ON JUL 20	54 900	1978
1979	48.7 AT 21:54 EST ON APR 14	38.0 B ON MAR 5	0.104 ON JUL 24	72 400	1979
1980	35.6 AT 07:20 EST ON MAR 22	29.6 ON MAR 22	0.192 ON AUG 28	49 500	1980
1981	30.4 AT 12:00 EST ON FEB 24	30.0 B ON FEB 22	0.086 ON JUL 16	47 000	1981
1982	47.0 AT 06:09 EST ON APR 1	42.5 ON APR 1	0.258 ON JUL 27	66 300	1982
1983	24.3 AT 01:12 EST ON AUG 13	17.8 ON AUG 13	0.102 ON JUL 27	76 300	1983
1984	41.3 AT 17:51 EST ON FEB 15	30.5 ON FEB 14	0.194 ON AUG 27	65 300	1984
				57 600	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

HUMBER RIVER ABOVE EAST HUMBER RIVER - STATION NO. 02HC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	1.00	0.828	0.838	1.30	1.54	---	1953
1954	---	---	---	---	1.83	1.59	0.799	1.02	1.15	13.8	2.88	3.90	---	1954
1955	3.23	3.11	10.1	6.98	2.37	2.80	0.918	1.15	1.22	1.43	1.78	1.92	3.08	1955
1956	1.87	0.715	6.66	8.18	5.01	2.25	3.30	4.48	3.07	2.08	2.47	2.73	3.67	1956
1957	2.84	3.97	3.87	---	---	---	---	---	---	---	---	---	---	1957
MEAN	2.48	2.60	5.88	7.57	3.07	2.21	1.87	1.82	1.57	4.56	2.10	2.52	3.33	MEAN

LOCATION - LAT 43 47 30 N DRAINAGE AREA, 300 km²
LONG 79 38 42 W NATURAL FLOW

HUMBER RIVER ABOVE EAST HUMBER RIVER - STATION NO. 02HC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1953	---	---	---	---	1953
1954	---	307 E ON OCT 15 *	---	---	1954
1955	---	46.6E ON MAR 11	0.623 ON OCT 10	97 000	1955
1956	---	58.6E ON AUG 30	0.481B ON FEB 14 *	113 000	1956
1957	---	25.3B ON FEB 28	---	---	1957
				105 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

HUMBER RIVER AT ELDER MILLS - STATION NO. 02HC025

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	---	---	---	---	1.88	3.05	1.95	---	1962
1963	1.32	1.11	4.39	2.43	3.04	1.54	0.912	1.07	0.981	0.898	1.43	1.22	1.88	1963
1964	1.88	1.25	3.24	3.01	1.73	0.842	1.02	1.24	0.811	0.992	1.02	1.73	1.55	1964
1965	1.44	5.50	3.78	8.72	2.01	0.821	0.844	0.758	0.848	1.48	1.89	2.18	2.41	1965
1966	1.81	1.84	4.82	2.59	2.01	1.58	0.850	0.788	0.838	1.05	1.65	2.03	1.82	1966
1967	1.95	1.81	4.08	4.12	1.97	2.72	2.29	1.53	1.30	2.17	2.53	2.80	2.41	1967
1968	1.50	4.42	7.57	3.18	2.51	1.72	1.28	1.85	1.89	1.82	3.04	2.20	2.73	1968
1969	2.50	2.73	5.45	5.87	3.46	1.89	1.44	1.34	1.02	1.37	2.11	1.80	2.73	1969
1970	1.11	1.76	2.68	5.49	2.32	1.27	1.53	1.16	1.44	1.59	2.03	1.90	2.02	1970
1971	1.55	1.85	2.55	5.89	1.71	1.28	1.28	1.34	1.08	1.11	1.30	2.01	1.89	1971
1972	1.68	1.23	1.90	10.7	2.24	2.02	1.44	1.13	0.955	1.85	2.30	2.31	2.47	1972
1973	3.89	3.09	5.76	4.38	3.34	1.90	1.15	1.47	1.07	1.52	2.68	1.80	2.92	1973
1974	3.19	2.83	5.80	5.37	4.01	1.83	1.16	1.10	1.17	1.31	2.06	1.70	2.71	1974
1975	1.63	3.77	5.13	6.11	2.75	1.39	0.914	1.06	1.24	1.31	1.54	1.35	2.34	1975
1976	1.28	4.45	7.69	3.76	3.20	1.58	1.95	1.85	1.60	2.04	1.71	1.24	2.69	1976
1977	1.10	1.40	6.84	3.06	1.38	1.27	1.25	1.44	2.20	3.58	2.91	3.17	2.45	1977
1978	2.34	1.70	4.16	9.37	3.86	1.33	0.832	1.55	1.88	1.74	1.67	1.92	2.70	1978
1979	2.17	1.44	8.85	5.76	3.74	1.67	1.31	1.40	1.23	1.91	2.80	3.61	2.89	1979
1980	2.08	1.14	8.75	6.85	2.54	1.62	2.54	1.26	1.33	1.73	1.88	2.22	2.57	1980
1981	1.18	7.37	2.47	2.37	2.22	1.42	2.58	1.45	1.84	2.62	3.20	2.41	2.57	1981
1982	1.48	1.22	7.88	7.30	2.05	3.16	1.18	1.54	1.90	1.85	3.77	5.34	3.18	1982
1983	2.84	3.50	3.84	4.88	4.61	1.87	1.12	1.32	1.35	1.70	2.34	1.89	2.57	1983
1984	1.63	5.44	4.88	5.15	2.98	1.73	1.36	1.15	1.85	1.51	2.18	2.81	2.89	1984
MEAN	1.88	2.94	5.20	5.24	2.70	1.66	1.36	1.28	1.38	1.88	2.23	2.22	2.47	MEAN

LOCATION - LAT 43 48 38 N DRAINAGE AREA, 303 km²
LONG 79 37 38 W NATURAL FLOW

HUMBER RIVER AT ELDER MILLS - STATION NO. 02HC025

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	34.0B AT 19:15 EST ON MAR 25	21.7B ON MAR 25	0.731 ON JUN 29	53 300	1983
1984	18.5 AT 16:00 EST ON DEC 25	11.3B ON MAR 5	0.578 ON JUL 1	49 500	1984
1985	---	70.8B ON FEB 11 *	0.490 ON JUN 28 *	76 100	1985
1986	14.0 AT 04:00 EST ON JAN 1	10.7 ON JAN 1	0.527 ON JUL 20	57 500	1986
1987	30.0 AT 05:30 EST ON APR 3	19.6 ON APR 3	0.912B ON JAN 17	76 100	1987
1988	32.0B AT 05:40 EST ON MAR 18	27.2B ON FEB 3	0.624 ON AUG 15	88 300	1988
1989	33.1 AT 10:40 EST ON MAR 21	27.5 ON MAR 21	0.878 ON SEP 16	88 100	1989
1970	14.8 AT 09:24 EST ON APR 9	13.6 ON APR 9	0.765B ON JAN 29	63 700	1970
1971	22.1B AT 20:55 EST ON APR 2	15.7B ON APR 2	0.731 ON AUG 9	59 700	1971
1972	43.0 AT 01:05 EST ON APR 14	36.5 ON APR 14	0.788 ON SEP 1	78 000	1972
1973	30.3 AT 19:00 EST ON MAR 11	21.0 ON MAR 12	0.765B ON DEC 25	92 100	1973
1974	---	45.9B ON MAR 5	0.872 ON AUG 20	85 400	1974
1975	45.6 AT 09:47 EST ON APR 19	37.4 ON APR 19	0.575 ON JUL 1	73 800	1975
1976	47.9 AT 03:05 EST ON MAR 21	36.5 ON MAR 21	0.569 ON NOV 30	85 100	1976
1977	30.5 AT 21:42 EST ON MAR 10	22.5 ON MAR 13	0.603 ON JUL 28	77 500	1977
1978	34.5 AT 20:59 EST ON APR 1	23.1 ON APR 1	0.538E ON JUL 5	85 100	1978
1979	29.1B AT 15:05 EST ON MAR 5	29.0B ON MAR 5	0.611 ON JUL 23	94 200	1979
1980	49.1 AT 17:00 EST ON MAR 21	29.1 ON MAR 21	0.640B ON JAN 10	81 300	1980
1981	---	34.0B ON FEB 19	0.670 ON JUL 26	81 100	1981
1982	52.5 AT 22:38 EST ON MAR 31 *	37.5 ON MAR 31	0.667 ON AUG 18	100 000	1982
1983	30.4 AT 15:30 EST ON FEB 3	15.0B ON FEB 3	0.765 ON JUL 27	81 100	1983
1984	---	50.0B ON FEB 15	0.938 ON AUG 18	91 500	1984
				77 900	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

HUMBER RIVER AT WESTON - STATION NO. 02HC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	7.57	3.82	---	---	1945
1946	---	---	22.7	2.86	2.62	2.11	1.34	1.10	1.10	1.83	1.83	1.67	---	1946
1947	---	---	18.4	21.4	6.18	10.4	7.42	2.81	1.85	1.98	2.87	3.34	---	1947
1948	---	---	39.6	8.85	4.81	1.73	2.75	1.40	2.55	2.23	4.08	2.30	---	1948
1949	8.78	12.5	18.6	7.29	1.33	0.884	1.50	1.02	0.907	1.90	1.41	10.4	5.38	1949
1950	10.1	2.63	20.3	28.0	1.82	1.58	1.67	1.40	1.23	1.04	0.859	2.48	5.10	1950
1951	5.25	11.1	19.0	35.5	2.04	2.25	2.74	1.55	1.61	1.93	4.48	2.22	7.42	1951
1952	5.54	5.39	13.9	17.2	3.08	1.61	1.66	1.50	1.34	1.20	1.64	1.59	4.62	1952
1953	3.11	8.13	11.0	3.80	7.95	8.15	1.86	1.21	0.788	1.17	1.18	1.66	3.83	1953
1954	2.24	18.4	21.4	12.2	2.74	2.87	1.77	1.14	1.40	58.2	8.78	12.2	11.9	1954
1955	12.2	12.4	28.1	13.4	3.86	2.75	1.37	1.22	1.62	2.45	3.20	2.83	6.89	1955
1956	2.33	1.12	23.7	20.1	14.6	5.23	11.6	---	---	2.97	3.11	6.58	---	1956
1957	5.47	10.6	10.6	6.94	4.08	5.14	2.48	1.42	1.84	1.84	2.24	4.51	4.68	1957
1958	2.09	4.04	9.89	3.89	1.62	1.18	1.12	0.914	1.41	1.29	1.89	1.48	2.57	1958
1959	1.82	1.92	7.68	19.2	3.37	1.78	1.20	1.18	1.35	2.07	2.43	3.13	3.91	1959
1960	3.06	4.79	10.4	25.6	17.9	4.06	2.68	1.76	1.34	1.74	2.43	1.59	6.44	1960
1961	0.943	4.37	9.14	8.83	5.06	2.63	2.86	1.51	1.69	1.36	1.88	1.87	3.50	1961
1962	1.37	1.80	18.8	4.83	1.83	1.13	1.00	0.886	1.18	2.01	6.22	3.28	3.70	1962
1963	1.67	1.17	8.38	3.92	5.57	2.29	1.31	1.31	1.20	1.18	1.88	1.59	2.72	1963
1964	3.37	1.59	10.7	6.89	2.76	1.14	1.43	1.95	1.09	1.19	1.48	2.80	3.02	1964
1965	2.63	17.3	10.3	16.3	3.15	1.15	1.18	0.875	1.00	2.32	4.11	6.35	5.57	1965
1966	4.56	5.89	15.3	4.18	3.67	2.62	0.938	1.04	1.18	1.43	2.78	5.07	4.05	1966
1967	3.73	3.29	13.2	13.2	3.45	7.56	5.89	2.36	2.09	1.00	5.48	8.10	6.05	1967
1968	1.67	10.9	27.7	6.28	4.62	2.51	1.63	2.88	2.85	2.07	5.01	7.50	6.39	1968
1969	7.97	6.41	19.5	17.7	8.80	2.85	2.10	1.87	1.19	1.00	7.38	1.89	6.26	1969
1970	1.63	2.95	11.0	14.4	4.37	1.76	2.29	1.88	2.15	2.00	3.00	4.58	4.43	1970
1971	2.76	4.35	11.1	18.4	2.95	1.96	2.84	2.49	1.85	1.00	1.00	3.01	4.68	1971
1972	3.06	2.21	8.78	38.0	3.85	3.01	2.07	1.85	1.44	2.00	0.00	5.41	8.37	1972
1973	9.16	6.52	26.9	13.1	6.85	3.25	1.84	2.30	1.59	2.22	3.00	3.45	6.81	1973
1974	9.96	8.10	20.8	13.1	13.3	3.46	2.01	1.65	1.90	1.86	1.00	2.48	6.66	1974
1975	3.85	14.4	12.3	13.8	4.81	2.31	1.78	2.08	2.33	2.25	2.00	2.82	5.36	1975
1976	1.98	13.0	22.8	9.37	7.88	3.17	3.95	3.40	2.62	3.12	2.00	1.42	6.27	1976
1977	0.828	3.40	21.3	8.88	2.34	2.08	2.98	2.88	6.12	10.1	8.51	9.22	6.40	1977
1978	4.52	2.84	15.3	28.9	9.19	2.82	1.48	2.54	4.31	3.34	3.48	3.84	6.85	1978
1979	4.57	2.78	32.6	19.4	8.62	3.04	2.34	2.58	2.33	3.85	8.06	13.6	8.70	1979
1980	5.88	1.58	17.8	17.0	5.61	3.15	5.80	2.41	2.24	3.23	3.10	5.38	6.07	1980
1981	1.85	20.5	4.80	4.22	4.52	2.48	3.82	2.85	4.64	6.82	7.82	4.51	5.88	1981
1982	4.66	2.88	29.5	18.1	3.17	9.37	2.87	3.44	4.08	3.78	9.87	17.5	9.13	1982
1983	7.88	10.0	11.1	14.3	12.6	3.34	1.67	2.28	2.05	3.09	4.78	4.38	6.43	1983
1984	2.23	23.9	16.9	12.8	8.04	3.30	2.36	1.84	3.04	2.30	4.29	8.90	6.83	1984
MEAN	4.30	7.23	17.1	14.1	5.48	3.11	2.80	1.85	2.02	4.08	3.78	4.71	5.77	MEAN

LOCATION - LAT 43 41 54 N
LONG 79 31 19 W
DRAINAGE AREA, 800 km^2
REGULATED

HUMBER RIVER AT WESTON - STATION NO. 02HC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	137 ON MAR 9	0.368 ON JUL 14	---	1946
1947	---	151 ON JUN 2	0.891 ON JUN 28	---	1947
1948	244 R ON MAR 20	218 ON MAR 20	0.396 ON SEP 18	---	1948
1949	---	137 ON MAR 23	0.396 ON JUL 3	189 000	1949
1950	---	208 ON APR 4	0.850 ON JUN 1	192 000	1950
1951	---	127 ON APR 12	0.850 ON JAN 14	234 000	1951
1952	141 R ON MAR 11	88.1 ON APR 13	0.850 ON MAY 8	146 000	1952
1953	178 R ON MAR 4	129 ON MAR 4	0.255 ON JUL 16 *	121 000	1953
1954	---	838 E ON OCT 16 *	0.821 ON JUL 28	373 000	1954
1955	---	137 E ON MAR 2	0.481 ON AUG 1	217 000	1955
1956	---	---	---	---	1956
1957	---	79.3E ON FEB 26	0.983 ON OCT 15	154 000	1957
1958	25.2B AT 14:00 EST ON FEB 28	20.2B ON FEB 28	0.708 ON AUG 5	61 000	1958
1959	109 AT 23:00 EST ON APR 1	86.4 ON APR 2	0.785 ON AUG 4	123 000	1959
1960	136 AT 23:45 EST ON MAY 9	112 ON MAR 31	1.08 ON SEP 14	204 000	1960
1961	64.1 AT 01:00 EST ON MAR 25	28.7 ON MAR 25	0.595B ON JAN 21	110 000	1961
1962	125 AT 22:00 EST ON NOV 10	59.7 ON NOV 11	0.606 ON JUL 8	117 000	1962
1963	88.3 AT 15:00 EST ON MAR 27	62.8 ON MAR 27	0.806 ON JUN 27	85 800	1963
1964	105 AT 14:30 EST ON MAR 5	80.6 ON MAR 5	0.789A ON JUN 28	96 500	1964
1965	261 AT 03:00 EST ON FEB 11 *	204 ON FEB 11	0.834 ON AUG 25	176 000	1965
1966	74.8 AT 22:45 EST ON MAR 5	49.8 ON MAR 5	0.674 ON JUL 26	128 000	1966
1967	110 AT 12:15 EST ON APR 3	75.0 ON APR 3	1.31 ON SEP 18	191 000	1967
1968	97.7 AT 23:30 EST ON FEB 2	71.4 ON MAR 19	0.980 ON AUG 16	202 000	1968
1969	108 AT 22:30 EST ON APR 18	85.8 ON MAR 21	0.974 ON SEP 5	197 000	1969
1970	41.9 AT 04:10 EST ON APR 4	33.1 ON APR 4	0.820B ON JAN 25	140 000	1970
1971	87.1 AT 13:45 EST ON APR 2	61.8 ON APR 2	0.912 ON AUG 9	147 000	1971
1972	178 AT 02:51 EST ON APR 14	143 ON APR 13	0.915 ON JUL 31	202 000	1972
1973	130 AT 00:20 EST ON MAR 12	86.9 ON MAR 12	0.877 ON SEP 10	215 000	1973
1974	193 AT 09:45 EST ON MAR 5	183 ON MAR 5	1.18 ON AUG 21	210 000	1974
1975	190 AT 07:30 EST ON FEB 25	155 ON FEB 25	1.28 ON JUL 3	189 000	1975
1976	169 AT 01:36 EST ON MAR 21	133 ON MAR 21	0.808B ON DEC 31	196 000	1976
1977	81.0 AT 03:10 EST ON OCT 2	73.6 ON MAR 13	0.883 ON JUL 28	202 000	1977
1978	123 AT 02:25 EST ON APR 2	87.2 ON APR 7	1.18 ON JUL 17	218 000	1978
1979	145 AT 17:30 EST ON DEC 25	123 ON DEC 25	1.81 ON AUG 18	274 000	1979
1980	168 AT 23:41 EST ON MAR 21	108 ON MAR 21	1.17 B ON MAR 3	192 000	1980
1981	115 AT 05:41 EST ON FEB 19	97.0 ON FEB 19	1.19 ON JUL 28	176 000	1981
1982	130 AT 04:18 EST ON APR 1	107 ON APR 1	1.44 ON AUG 18	288 000	1982
1983	101 AT 03:48 EST ON MAY 3	72.8 ON MAY 3	0.971 ON JUL 27	203 000	1983
1984	---	120 B ON FEB 14	1.07 ON AUG 18	219 000	1984
				182 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

HUMBER RIVER AT WOODBRIDGE - STATION NO. 02HC011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	6.72	3.26	2.62	2.64	3.66	---	1956
1957	3.63	6.35	7.39	7.04	3.46	3.67	1.76	1.10	1.47	1.67	2.01	3.37	3.56	1957
1958	1.80	2.66	6.33	3.53	1.73	1.15	1.12	0.821	1.20	1.20	1.46	1.24	2.03	1958
1959	1.84	1.71	6.90	12.4	2.65	1.47	1.12	1.06	1.29	1.72	2.10	3.38	3.03	1959
1960	2.27	2.66	6.26	17.2	12.2	3.26	2.08	1.61	1.13	1.51	1.98	1.45	4.48	1960
1961	0.824	2.80	6.74	5.67	3.73	2.36	2.25	1.32	1.41	1.31	1.88	1.82	2.70	1961
1962	1.23	1.80	9.05	5.18	---	---	---	---	---	---	---	---	---	1962
MEAN	1.93	3.02	7.12	8.49	4.75	2.38	1.66	2.13	1.63	1.66	2.03	2.34	3.16	MEAN

LOCATION - LAT 43 47 07 N
LONG 79 35 25 W
DRAINAGE AREA, 495 km^2
NATURAL FLOW

HUMBER RIVER AT WOODBRIDGE - STATION NO. 02HC011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	53.4 ON FEB 27	0.678 ON AUG 6	112 000	1957
1958	---	10.3 ON MAR 27	0.765 ON AUG 18	64 200	1958
1959	59.4R ON APR 2 *	51.5 ON APR 2	0.851 ON AUG 3	95 700	1959
1960	---	55.9B ON MAR 31 *	0.834 ON SEP 11	142 000	1960
1961	21.4R ON MAR 24	17.3 ON MAR 25	0.595B ON JAN 21 *	85 100	1961
1962	---	---	---	---	1962
				99 800	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

HUMBER RIVER NEAR CEDAR MILLS - STATION NO. 02HC012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	3.14	2.78	2.65	2.08	1.38	0.780	0.850	1.22	0.878	1.35	1.73	---	1957
1958	1.03	0.716	1.69	2.38	0.850	0.710	0.594	0.485	0.685	0.875	0.881	0.882	0.982	1958
1959	0.878	0.921	3.98	5.22	1.49	0.581	0.632	0.488	0.573	0.858	1.10	1.10	1.47	1959
1960	0.858	1.18	1.22	5.45	3.79	1.58	1.14	0.806	0.705	0.903	1.24	0.897	1.55	1960
1961	0.586	1.05	2.47	2.50	1.88	1.10	1.39	0.670	0.792	0.858	0.928	0.780	1.21	1961
1962	0.761	0.630	2.81	1.67	0.567	0.532	0.440	0.386	0.640	1.87	1.67	1.13	1.12	1962
1963	0.887	0.805	2.61	1.74	1.80	0.629	0.457	0.847	0.457	0.487	0.889	0.705	1.01	1963
1964	1.14	0.786	1.83	2.15	1.01	0.550	0.624	0.898	0.505	0.816	0.724	1.25	1.02	1964
1965	1.13	4.71	2.34	5.36	1.23	0.489	0.493	0.487	0.584	0.895	1.18	1.43	1.67	1965
1966	1.08	1.28	2.50	1.45	1.28	1.05	0.402	0.531	0.535	0.882	1.10	1.19	1.09	1966
1967	1.25	0.832	2.49	2.34	1.05	1.71	1.05	1.07	0.783	1.31	1.45	1.88	1.44	1967
1968	0.914	3.10	5.73	1.92	1.53	1.01	0.722	1.02	1.18	1.11	1.85	1.40	1.79	1968
1969	2.27	1.53	3.10	4.27	2.10	1.27	1.08	0.881	0.711	1.01	1.51	1.49	1.77	1969
1970	0.839	0.895	1.28	3.53	1.49	0.770	0.920	0.785	0.908	1.05	1.34	1.50	1.27	1970
1971	1.03	1.07	1.80	3.52	1.13	0.811	0.787	0.935	0.884	0.958	0.859	1.83	1.23	1971
1972	1.08	0.809	1.31	4.98	1.50	1.51	0.947	0.802	0.685	1.27	1.37	1.52	1.48	1972
1973	2.34	1.70	3.88	2.40	2.14	1.21	0.742	0.983	0.698	1.12	1.74	1.21	1.68	1973
1974	2.08	1.73	4.10	3.18	2.19	1.15	0.738	0.710	0.888	0.854	1.37	0.978	1.84	1974
1975	0.978	2.03	2.36	3.47	1.58	0.858	0.587	0.849	0.735	0.788	0.884	0.878	1.31	1975
1976	0.800	2.37	4.82	2.31	1.88	0.934	1.04	0.787	0.849	1.28	0.932	0.812	1.58	1976
1977	0.808	0.948	4.58	1.90	0.885	0.740	0.803	0.888	1.38	2.18	1.71	2.02	1.57	1977
1978	1.58	1.08	1.71	4.81	2.55	1.09	0.808	0.885	1.22	1.04	1.28	1.29	1.80	1978
1979	1.65	1.11	5.82	4.20	2.00	1.02	0.977	0.973	0.901	1.39	1.88	2.41	2.04	1979
1980	1.50	0.727	5.28	3.83	1.84	1.33	2.00	0.835	0.885	1.27	1.14	1.44	1.81	1980
1981	0.836	5.82	1.78	1.88	1.41	1.04	2.00	1.25	---	---	---	---	---	1981
MEAN	1.18	1.67	2.97	3.16	1.63	1.00	0.878	0.788	0.793	1.04	1.26	1.31	1.45	MEAN

LOCATION - LAT 43 55 42 N DRAINAGE AREA, 189 km²
LONG 79 48 57 W REGULATED

REMARKS - REPLACED BY STATION NO. 02HC047, HUMBER RIVER NEAR PALGRAVE.

HUMBER RIVER NEAR CEDAR MILLS - STATION NO. 02HC012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	24.9 B ON FEB 26	0.453 ON JUL 19	---	1957
1958	---	3.77 ON MAR 30	0.398 ON AUG 18	30 400	1958
1959	---	18.4 B ON APR 5	0.388 ON JUL 29	46 300	1959
1960	---	12.5 ON MAY 10	0.530 ON SEP 11	52 200	1960
1961	---	13.3 ON MAR 28	0.439 ON JUL 13	38 300	1961
1962	---	15.8 ON MAR 30	0.246 ON JUL 18	35 400	1962
1963	---	15.0 ON MAR 25	0.156 ON SEP 23 *	31 700	1963
1964	---	8.71 ON APR 8	0.303 ON JUL 24	32 200	1964
1965	85.0 B AT 18:00 EST ON FEB 10 *	45.9 B ON FEB 10 *	0.328 ON JUN 27	52 800	1965
1966	8.85 AT 18:00 EST ON JUN 14	5.668 ON MAR 5	0.323 ON JUL 23	34 400	1966
1967	10.5 AT 04:00 EST ON JUN 11	8.87 ON APR 3	0.521 ON SEP 13	45 500	1967
1968	38.5 B AT 23:30 EST ON MAR 20	25.6 B ON MAR 19	0.462 ON AUG 15	56 500	1968
1969	15.7 AT 17:52 EST ON APR 18	13.2 ON MAR 21	0.581 ON SEP 15	56 000	1969
1970	9.85 AT 02:01 EST ON APR 9	8.47 ON APR 9	0.527 ON AUG 10	40 100	1970
1971	8.61 AT 21:45 EST ON APR 13	8.38 ON APR 13	0.479 ON AUG 9	38 800	1971
1972	22.9 AT 01:05 EST ON APR 14	18.9 ON APR 14	0.595 ON AUG 22	46 800	1972
1973	12.2 AT 00:00 EST ON MAR 12	10.0 ON MAR 12	0.513 ON SEP 8	53 000	1973
1974	---	25.5 B ON MAR 5	0.538 ON AUG 19	51 800	1974
1975	---	25.9 ON APR 19	0.343 ON JUL 1	41 200	1975
1976	26.6 AT 03:32 EST ON MAR 21	23.7 ON MAR 21	0.396 ON AUG 26	49 200	1976
1977	21.7 AT 09:50 EST ON MAR 13	13.1 ON MAR 13	0.374 ON JUL 28	49 600	1977
1978	13.9 AT 17:43 EST ON APR 1	10.2 ON APR 7	0.483 ON AUG 1	50 400	1978
1979	22.0 B AT 11:10 EST ON MAR 14	20.0 B ON MAR 5	0.831 ON JUN 20	64 200	1979
1980	---	42.0 B ON MAR 21	0.570E ON SEP 11	57 300	1980
1981	39.7 AT 04:13 EST ON FEB 19	36.8 ON FEB 19	0.820 ON JUL 25	---	1981
				45 800	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

HUMBER RIVER NEAR PALGRAVE - STATION NO. 02HC047

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	0.888	1.88	1.21	1.40	1.58	1.84	1.41	---	1981
1982	1.03	0.704	2.67	4.33	1.46	2.05	0.931	1.20	1.61	1.28	2.49	3.28	1.80	1982
1983	1.61	1.84	2.27	2.71	2.63	1.24	0.831	0.988	0.990	1.23	1.62	1.88	1.61	1983
1984	0.920	2.79	2.48	3.31	1.89	1.18	0.881	0.855	1.18	1.18	1.88	1.71	1.88	1984
MEAN	1.18	1.78	2.44	3.45	1.99	1.38	1.10	1.08	1.27	1.31	1.88	1.89	1.72	MEAN

LOCATION - LAT 43 55 57 N DRAINAGE AREA, 117 km²
LONG 79 48 45 W REGULATED

REMARKS - REPLACES STATION NO. 02HC012, HUMBER RIVER NEAR CEDAR MILLS

NUMBER RIVER NEAR PALGRAVE - STATION NO. 02HC047

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	0.608 ON JUL 25 *	---	1981
1982	24.6 AT 21:52 EST ON MAR 31 *	16.9 ON MAR 31 *	0.6308 ON FEB 22	80 000	1982
1983	11.0 AT 14:55 EST ON FEB 3	8.008 ON FEB 3	0.644 ON SEP 12	50 900	1983
1984	---	8.008 ON FEB 14	0.686 ON AUG 17	52 500	1984
				54 500	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

INDIAN RIVER NEAR BLAKENEY - STATION NO. 02KF012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	---	---	0.518	0.585	1.38	---	1971
1972	1.70	0.847	1.07	12.2	7.71	1.82	1.41	1.47	0.510	1.24	3.43	3.25	3.04	1972
1973	3.08	3.23	10.3	9.50	3.46	1.01	0.513	0.514	0.503	0.451	0.443	2.40	2.95	1973
1974	1.40	1.38	5.23	9.95	7.17	1.80	0.897	0.521	0.404	0.445	0.624	1.20	2.55	1974
1975	1.43	0.986	2.52	8.91	3.59	0.880	0.454	0.374	0.388	0.306	0.457	0.913	1.85	1975
1976	1.23	1.48	6.31	11.4	4.26	2.06	1.88	0.606	0.857	2.51	1.92	0.735	2.92	1976
1977	0.595	0.522	6.67	5.50	1.55	0.423	0.406	0.276	0.516	2.53	2.03	3.25	2.12	1977
1978	0.286	0.333	3.62	8.68	3.31	0.958	0.221	0.302	0.336	0.814	1.84	3.06	1.98	1978
1979	2.57	0.767	4.76	6.40	3.70	0.732	0.343	0.333	0.553	0.531	0.706	1.18	1.85	1979
1980	0.910	6.42	4.94	2.86	1.95	1.79	0.718	0.378	3.43	3.11	4.02	2.17	2.89	1980
1981	0.841	0.972	1.68	11.1	2.85	1.34	0.381	0.314	0.750	0.387	0.800	3.23	2.05	1981
1982	2.83	1.68	4.22	7.20	5.88	1.25	0.337	0.256	0.260	0.378	1.02	2.39	2.41	1982
1983	1.01	2.15	2.93	15.6	5.58	1.50	0.356	0.459	0.471	0.427	0.492	0.618	2.83	1983
1984	1.65	1.82	4.35	9.72	4.31	1.22	0.610	0.475	0.736	1.00	1.32	1.90	2.43	1984
MEAN														MEAN

LOCATION - LAT 45 14 44 N LONG 76 15 39 W DRAINAGE AREA, 203 km^2 REGULATED

INDIAN RIVER NEAR BLAKENEY - STATION NO. 02KF012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	30.3 AT 23:05 EST ON APR 21	25.5 ON APR 21	0.439 ON SEP 18	95 200	1972
1973	27.7 AT 01:05 EST ON MAR 18	24.9 ON MAR 18	0.334 ON OCT 25	93 000	1973
1974	22.3 AT 19:21 EST ON APR 4	19.3 ON APR 19	0.374 ON SEP 30	80 600	1974
1975	32.8 AT 15:14 EST ON APR 19	24.6 ON APR 19	0.244A ON OCT 31	58 200	1975
1976	40.6 AT 13:19 EST ON APR 1 *	38.8 ON APR 1 *	0.374 ON SEP 8	92 400	1976
1977	17.7 AT 19:36 EST ON MAR 14	17.0 ON MAR 14	0.150 ON SEP 9 *	66 800	1977
1978	30.8 AT 02:03 EST ON APR 14	28.9 ON APR 21	0.195B ON DEC 30	80 400	1978
1979	18.5 AT 02:08 EST ON APR 3	17.2 ON APR 3	0.170 ON JUL 7	61 800	1979
1980	39.9 AT 00:07 EST ON MAR 22	25.6 ON MAR 22	0.226 ON JUL 18	59 600	1980
1981	30.4 AT 05:02 EST ON FEB 24	28.3 ON FEB 24	0.261 ON JUL 17	64 800	1981
1982	29.2 AT 05:53 EST ON APR 21	25.7 ON APR 21	0.244 ON AUG 22	64 500	1982
1983	14.5 AT 15:34 EST ON MAY 6	12.8 ON MAY 6	0.238 ON SEP 3	75 900	1983
1984	32.2 AT 01:48 EST ON APR 17	28.6 ON APR 17	0.280 ON JUL 9	83 000	1984
				76 700	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

INDIAN RIVER NEAR PEMBROKE - STATION NO. 02KC014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	1.52	1.55	2.93	19.1	15.3	6.37	3.08	1.50	0.695	1.70	3.36	2.64	4.98	1969
1970	0.813	1.11	1.36	17.1	10.7	3.32	2.82	0.883	0.702	1.44	2.36	2.45	3.73	1970
1971	1.36	1.38	2.15	22.5	10.4	3.33	1.24	0.853	0.461	0.388	0.847	2.20	3.90	1971
1972	0.989	0.786	0.671	15.0	17.5	9.46	4.66	4.41	2.63	5.88	11.9	5.41	6.63	1972
1973	4.08	3.02	10.5	29.7	10.4	9.32	3.60	1.74	1.31	1.84	2.76	3.35	5.80	1973
1974	2.08	2.22	4.02	25.8	19.8	5.43	2.07	1.38	0.882	1.16	4.19	3.23	6.02	1974
1975	2.64	1.78	3.36	17.8	8.77	2.45	0.854	0.489	0.507	0.740	0.828	1.81	3.81	1975
1976	1.28	1.62	11.2	22.4	9.04	3.88	5.42	1.70	1.78	1.86	2.88	1.87	5.41	1976
1977	1.43	1.20	8.85	13.8	4.02	1.24	0.587	0.448	0.687	2.00	4.24	5.47	3.88	1977
1978	3.48	2.34	1.82	23.0	12.5	3.11	0.851	0.846	0.843	0.898	1.14	1.14	4.30	1978
1979	1.37	1.20	5.54	20.7	11.8	3.82	1.38	0.799	1.17	2.28	3.38	3.50	4.73	1979
1980	1.74	0.853	4.88	18.0	7.45	4.02	5.72	3.24	1.81	5.04	5.25	4.02	5.00	1980
1981	2.01	10.7	11.2	11.1	7.28	3.20	1.47	1.02	4.24	4.30	3.82	3.27	5.24	1981
1982	1.88	1.57	2.58	18.5	8.14	3.83	1.13	0.428	0.945	0.958	2.08	5.18	3.88	1982
1983	3.80	2.43	7.02	17.0	20.3	4.30	1.18	0.743	0.815	1.27	3.58	3.33	5.47	1983
1984	2.87	3.83	4.51	28.7	11.1	4.32	2.20	0.904	0.578	0.778	2.28	2.28	5.39	1984
MEAN	2.04	2.36	5.18	20.0	11.4	4.48	2.38	1.31	1.24	2.03	3.43	3.20	4.91	MEAN

LOCATION - LAT 45 47 07 N LONG 77 08 18 W DRAINAGE AREA, 443 km^2 NATURAL FLOW

INDIAN RIVER NEAR PEMBROKE - STATION NO. 02KC014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	32.8 ON MAY 20	0.119 ON NOV 28 *	157 000	1969
1970	37.1B AT 17:15 EST ON APR 17	33.1 ON APR 19	0.379 ON SEP 13	118 000	1970
1971	41.6 AT 00:01 EST ON APR 24	40.8B ON APR 23	0.283 ON AUG 9	123 000	1971
1972	51.5 AT 19:40 EST ON MAY 2	50.1 ON MAY 2	0.787B ON FEB 9	210 000	1972
1973	80.7 AT 16:55 EST ON APR 3 *	76.7 ON APR 3 *	0.537 ON OCT 2	215 000	1973
1974	---	51.0B ON APR 16	0.671 ON SEP 19	190 000	1974
1975	---	43.3 ON APR 21	0.323 ON AUG 21	111 000	1975
1976	---	61.7B ON APR 3	0.651 ON SEP 17	171 000	1976
1977	31.1 AT 23:37 EST ON MAR 31	29.7 ON APR 1	0.349 ON SEP 11	115 000	1977
1978	---	52.4 ON APR 22	0.385 ON AUG 15	136 000	1978
1979	---	25.8E ON APR 28	0.363E ON SEP 13	149 000	1979
1980	30.2 AT 00:11 EST ON APR 11	28.5 ON APR 11	0.695B ON MAR 3	158 000	1980
1981	---	38.8B ON FEB 25	0.537 ON AUG 26	165 000	1981
1982	48.7 AT 03:14 EST ON APR 19	44.4 ON APR 19	0.328E ON AUG 19	121 000	1982
1983	70.6 AT 11:38 EST ON MAY 9	67.5 ON MAY 9	0.304E ON SEP 4	172 000	1983
1984	---	54.0B ON APR 7	0.468E ON SEP 24	171 000	1984
				155 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

IRVINE RIVER NEAR SALEM - STATION NO. 02GA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	0.043	---	0.746	0.324	---	1913
1914	0.887	1.17	5.52	2.50	0.287	0.030	0.028	0.026	0.056	0.044	0.519	0.483	0.948	1914
1915	0.855	2.56	5.36	4.99	0.641	0.249	0.776	5.78	5.47	2.44	1.46	0.418	2.66	1915
1916	10.7	1.40	8.42	15.8	2.43	6.02	0.174	0.049	---	---	---	---	---	1916
MEAN	4.08	1.71	5.43	7.76	1.12	2.10	0.326	2.28	1.86	1.24	0.908	0.408	1.80	MEAN

LOCATION - LAT 43 42 51 N
LONG 80 26 36 W
DRAINAGE AREA, 174 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO HYDRO

IRVINE RIVER NEAR SALEM - STATION NO. 02GA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	25.5 ON MAR 16	0 ON MAR 6 *	29 800	1914
1915	---	55.2 ON AUG 13	0.057 ON JUN 28	84 000	1915
1916	---	97.1 ON JAN 28 *	---	---	1916
				56 900	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

JACKSONS CREEK AT PETERBOROUGH - STATION NO. 02HJ001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	---	0.079	0.053	0.038	0.024	0.193	0.672	0.581	---	1962
1963	0.075	0.049	0.887	3.20	1.54	0.133	0.061	0.117	0.113	0.131	0.333	0.387	0.586	1963
1964	0.578	0.277	1.71	4.15	0.398	0.133	0.187	0.078	0.030	0.114	0.288	1.07	0.745	1964
1965	0.918	2.53	2.83	5.47	0.634	0.062	0.124	0.041	0.050	0.350	1.00	1.28	1.35	1965
1966	0.838	0.228	2.65	1.10	0.893	0.529	0.670	0.055	0.029	0.085	0.806	3.37	0.930	1966
1967	2.01	1.46	2.87	3.93	1.02	1.06	1.80	0.730	0.360	1.92	1.80	1.91	1.68	1967
1968	1.02	2.26	5.19	1.65	0.886	0.574	0.312	0.105	0.086	0.173	0.554	0.648	1.24	1968
1969	1.00	1.87	5.88	8.27	1.44	0.502	0.380	0.477	0.120	0.201	0.436	0.307	1.87	1969
1970	0.178	0.261	0.782	4.32	1.00	0.227	0.203	0.080	0.152	0.200	0.512	0.498	0.897	1970
1971	0.304	0.310	0.617	5.00	0.724	0.208	0.091	0.080	0.123	0.122	0.233	0.648	0.800	1971
1972	0.402	0.317	0.444	7.03	1.21	0.472	0.820	0.402	0.172	0.702	1.34	1.15	1.20	1972
1973	1.45	0.873	5.98	3.54	1.07	0.478	0.226	0.325	0.160	0.386	1.41	0.858	1.40	1973
1974	1.02	0.915	2.73	3.92	1.48	0.447	0.528	0.347	0.237	0.512	0.836	0.552	1.13	1974
1975	0.882	0.647	3.47	3.43	0.881	0.452	0.268	0.127	0.302	0.255	0.473	0.710	1.01	1975
1976	0.327	0.936	6.20	2.73	1.23	0.448	0.433	0.221	0.315	0.384	0.381	0.258	1.16	1976
1977	0.151	0.190	3.88	1.52	0.282	0.145	0.223	0.630	0.343	0.769	1.23	1.38	0.671	1977
1978	0.970	0.768	1.07	7.84	1.74	0.238	0.123	0.129	0.323	0.415	0.583	0.390	1.19	1978
1979	0.420	0.400	5.33	2.42	0.882	0.262	0.109	0.184	0.207	0.422	0.805	1.83	1.10	1979
1980	0.782	0.172	4.73	3.46	0.767	0.343	0.930	0.326	0.295	0.833	0.838	0.848	1.18	1980
1981	0.281	5.85	1.12	1.25	0.703	1.15	0.218	0.188	0.667	0.848	1.78	0.548	1.18	1981
1982	0.257	0.198	1.38	7.09	0.872	1.20	0.247	0.542	0.515	0.788	2.18	2.62	1.48	1982
1983	0.898	1.60	2.77	2.73	2.48	0.718	0.287	0.239	0.123	0.348	1.07	0.788	1.17	1983
1984	0.403	3.23	2.71	4.73	1.48	0.342	0.328	0.364	0.507	0.322	0.887	1.11	1.35	1984
MEAN	0.892	1.18	2.89	4.84	1.06	0.443	0.384	0.249	0.228	0.444	0.877	1.03	1.14	MEAN

LOCATION - LAT 44 18 10 N
LONG 78 19 14 W
DRAINAGE AREA, 110 km^2
NATURAL FLOW

JACKSONS CREEK AT PETERBOROUGH - STATION NO. 02HJ001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	14.7 ON APR 1	0.0288 ON FEB 21	17 800	1963
		12.2 E ON APR 8	0.017 ON SEP 19	23 600	1964
1965	---	18.3 ON APR 13	0.023 ON AUG 24	42 500	1965
1966	---	14.8 ON DEC 11	0.008 ON AUG 8 *	29 300	1966
1967	---	28.6 ON MAR 31	0.065 ON SEP 18	53 000	1967
1968	---	27.2 B ON MAR 25	0.027 ON AUG 13	39 200	1968
1969	---	34.8 ON APR 1 *	0.074 ON SEP 21	49 400	1969
1970	10.5 AT 19:00 EST ON APR 11	9.66 ON APR 12	0.048 ON AUG 28	22 000	1970
1971	16.2 AT 19:47 EST ON APR 14	15.9 ON APR 14	0.040 ON AUG 18	25 300	1971
1972	18.0 AT 08:28 EST ON APR 19	17.5 ON APR 19	0.083 ON SEP 20	37 800	1972
1973	18.8 AT 18:56 EST ON MAR 17	13.6 ON APR 3	0.076 ON SEP 16	44 100	1973
1974	15.8 AT 16:48 EST ON JUL 27	13.6 ON APR 5	0.102 ON SEP 22	35 600	1974
1975	14.2 AT 00:57 EST ON APR 19	11.2 B ON MAR 22	0.062 ON AUG 20	31 800	1975
1976	17.8B AT 18:00 EST ON MAR 25	17.0 ON MAR 26	0.091 ON OCT 5	36 700	1976
1977	15.6 AT 17:26 EST ON MAR 14	14.8 ON MAR 14	0.071 ON SEP 12	27 500	1977
1978	14.2 AT 18:41 EST ON APR 11	13.4 ON APR 13	0.062 ON AUG 14	37 500	1978
1979	13.2 AT 18:00 EST ON MAR 25	13.1 ON MAR 25	0.060 ON OCT 1	34 600	1979
1980	27.3 AT 20:02 EST ON MAR 21 *	21.7 B ON MAR 22	0.063 ON AUG 26	37 600	1980
1981	24.3 AT 14:00 EST ON FEB 23	22.1 ON FEB 23	0.081 ON AUG 28	37 100	1981
1982	17.1 AT 18:41 EST ON APR 3	15.2 ON APR 3	0.088 ON SEP 12	46 100	1982
1983	15.8 AT 15:08 EST ON JUL 1	4.52 ON MAR 21	0.072E ON SEP 15	36 800	1983
1984	12.0 AT 15:16 EST ON APR 7	11.8 ON APR 7	0.184 ON JUN 15	42 900	1984
				35 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

JOCK RIVER NEAR RICHMOND - STATION NO. 02LA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.336	0.497	0.887	43.3	7.27	0.568	0.232	0.117	0.509	3.14	8.41	5.93	5.89	1970
1971	3.24	1.70	4.18	52.6	10.7	0.874	0.157	0.113	0.158	0.149	0.279	3.40	5.42	1971
1972	2.24	0.836	1.09	50.2	10.6	2.20	5.57	5.51	0.608	5.44	12.5	5.71	6.70	1972
1973	6.88	7.59	44.3	19.7	7.97	3.01	0.483	0.313	0.772	1.13	4.20	5.72	8.53	1973
1974	5.04	5.11	18.7	34.5	12.4	2.18	0.909	0.310	0.051	0.079	1.11	2.96	6.85	1974
1975	4.08	1.38	11.8	35.5	3.87	0.840	0.152	0.063	0.115	0.500	2.52	5.78	5.54	1975
1976	1.10	2.18	30.6	32.8	11.9	3.08	2.06	0.811	1.30	4.78	4.29	1.05	8.01	1976
1977	0.429	0.412	31.3	17.4	2.19	0.230	0.083	0.103	0.095	2.97	5.08	7.84	5.72	1977
1978	10.5	6.92	5.09	49.0	4.39	0.670	0.105	0.085	0.084	0.057	0.194	0.288	6.38	1978
1979	0.589	0.509	25.9	19.1	6.14	1.11	0.127	0.111	0.251	1.84	5.21	10.5	5.91	1979
1980	3.72	0.243	20.3	20.8	5.78	0.853	0.242	0.188	0.502	2.53	4.85	4.60	5.41	1980
1981	1.08	28.8	7.64	6.81	5.97	7.68	3.13	1.48	12.5	12.5	10.8	3.07	8.28	1981
1982	1.47	0.788	4.45	39.3	3.76	1.83	0.420	0.350	0.508	0.857	3.97	10.8	5.71	1982
1983	4.52	2.21	18.2	23.2	15.5	2.26	0.184	0.047	0.040	0.495	11.9	8.92	7.23	1983
1984	2.72	10.7	8.24	43.3	10.2	2.36	0.230	0.338	0.115	0.145	0.871	2.21	5.71	1984
MEAN	3.27	4.88	15.3	32.5	7.83	1.98	0.838	0.728	1.18	2.45	5.09	5.39	6.76	MEAN

LOCATION - LAT 45 15 00 N
LONG 75 47 28 W
DRAINAGE AREA, 559 km^2
NATURAL FLOW

JOCK RIVER NEAR RICHMOND - STATION NO. 02LA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	125 AT 22:40 EST ON APR 14	121 ON APR 14	0.057 ON AUG 27	189 000	1970
1971	116 AT 23:30 EST ON APR 19	112 ON APR 19	0.045 ON AUG 13	203 000	1971
1972	---	136 B ON APR 19	0.413 ON SEP 25	275 000	1972
1973	---	118 B ON MAR 18	0.085 ON SEP 3	270 000	1973
1974	---	79.3B ON MAR 8	0.031 ON SEP 25	216 000	1974
1975	123 AT 05:55 EST ON APR 20	122 ON APR 20	0.034 ON AUG 12	175 000	1975
1976	140 AT 18:08 EST ON APR 1	137 ON APR 1 *	0.252 ON AUG 7	253 000	1976
1977	---	117 B ON MAR 15	0.031 ON SEP 11	180 000	1977
1978	148B AT 22:00 EST ON APR 14 *	133 B ON APR 14	0.031 ON AUG 18	201 000	1978
1979	---	114 B ON MAR 25	0.031 ON JUL 23	186 000	1979
1980	---	103 B ON MAR 22	0.050 ON AUG 26	171 000	1980
1981	111B AT 08:50 EST ON FEB 24	108 B ON FEB 24	0.812 ON AUG 30	260 000	1981
1982	---	75.5B ON APR 1	0.072 ON AUG 22	180 000	1982
1983	---	48.8B ON MAR 20	0.014E ON SEP 5 *	228 000	1983
1984	120 AT 12:27 EST ON APR 6	118 ON APR 6	0.048 ON SEP 21	212 000	1984
				213 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

JUNCTION CREEK AT SUDBURY - STATION NO. 02CF005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	1.28R	0.428	0.754	1.00	0.388	1.45	2.11	1.27	0.315	---	1958
1959	0.318	0.257	0.721	8.21	1.07	0.826	0.765	0.787	1.79	3.68	2.34 R	1.04 R	1.83 R	1959
1960	0.478R	0.436R	0.694R	9.35R	4.54	2.30	2.14	0.588	0.588	0.871	1.78	0.827R	2.02 R	1960
1961	0.267R	0.228R	1.21 R	2.52	0.916	1.64	1.68	0.636	2.71	0.923	1.48	0.894R	1.26 R	1961
1962	0.439R	0.303R	2.48 R	3.20	1.44	0.397	0.222	0.370	0.366	0.720	0.808	0.565R	0.944R	1962
1963	0.315R	0.272R	3.29 R	4.52	1.05	0.837	0.443	0.783	0.515R	0.268	1.09	0.245R	1.13 R	1963
1964	0.241R	0.455R	1.32 R	5.15	1.18	0.778	0.426	0.408	1.48	1.41 R	1.09 R	0.801R	1.20 R	1964
1965	0.304R	0.848R	0.868R	8.17R	0.750	0.325R	0.420R	1.94 R	3.17	1.51	1.84	1.32	1.81 R	1965
1966	1.31	1.77	2.80	2.58	0.894	0.433	0.250	0.382	0.396	1.28 R	4.02 R	2.24	1.50 R	1966
1967	0.764	0.423	1.54	8.35	2.11	1.18	0.233	0.590	0.650	1.45	2.07	1.80	1.78	1967
1968	1.07	0.953	4.59	2.84	0.871	1.32	1.13	1.14	2.51	0.784	0.468	1.05	1.54	1968
1969	0.932	0.658	1.90	4.98	1.29	1.33	0.553	0.574	0.406	1.98	3.27	0.359	1.51	1969
1970	0.337	0.534	0.424	5.09	1.56	2.77	1.80	0.591	3.55	2.08	1.83	1.88	1.83	1970
1971	0.785	0.778	0.558	6.93	1.52	0.578	0.529	0.484	0.823	1.74	2.00	3.88	1.72	1971
1972	1.28	0.432	1.18	9.49	1.34	0.518	0.450	1.65	1.30	---	---	---	---	1972
1973	---	0.323	4.59	1.12	1.85	0.911	0.892	2.12	0.290	0.956	1.21	0.951	---	1973
1974	0.384	0.351	0.681	3.35	1.23	1.71	0.438	0.416	0.895	1.47	3.28	0.331	1.21	1974
1975	0.822	0.226	0.330	5.95	0.879	0.360	0.221	0.200	0.248	0.505	1.37	0.884	0.959	1975
1976	0.125	0.137	3.87	4.57	1.78	0.380	0.281	0.354	0.914	0.784	0.402	0.188	1.14	1976
1977	0.169	0.222	5.84	3.24	0.308	0.178	0.521	0.717	2.91	1.99	1.81	0.858	1.58	1977
1978	0.403	0.328	0.433	6.54	1.43	0.244	0.278	1.17	1.85	2.64	0.705	0.269	1.24	1978
1979	0.231	0.272	4.01	8.30	1.88	0.395	0.382	0.335	0.395	1.58	2.00	0.784	1.68	1979
1980	0.585	0.258	1.19	6.42	1.32	0.340	0.289	0.392	1.10	1.37	0.774	0.338	1.18	1980
1981	0.174	2.28	1.87	3.73	0.781	0.746	0.408	0.346	2.25	1.82	0.708	0.331	1.27	1981
1982	0.182	0.178	0.781	5.84	0.625	0.441	0.169	0.175	0.897	1.91	1.66	2.07	1.24	1982
1983	0.588	0.154	2.31	3.69	2.57	0.773	0.180	0.487	0.784	1.98	0.811	0.398	1.24	1983
1984	0.210	1.84	1.25	2.30	1.01	2.18	0.429	0.573	1.04	1.22	2.21	1.29	1.27	1984
MEAN	0.500R	0.568R	1.84 R	5.02R	1.34	0.911R	0.603R	0.688R	1.30 R	1.51 R	1.83 R	0.865R	1.41	MEAN

LOCATION - LAT 46 29 20 N LONG 80 59 45 W
DRAINAGE AREA, 89.1 km²
REGULATED SINCE 1971

R - REVISED SINCE JAN 1980

JUNCTION CREEK AT SUDBURY - STATION NO. 02CF005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1958	---	16.5 ON SEP 6	---	---	1958
1959	23.6 AT 23:45 EST ON OCT 24	17.2 ON APR 15	0.227E ON FEB 20	57 700R	1959
1960	31.4R AT 09:00 EST ON APR 17	22.3 ON APR 15	0.258 ON AUG 31	64 000R	1960
1961	20.8 AT 13:00 EST ON SEP 14	11.7 ON SEP 14	0.176RB ON FEB 15	39 600R	1961
1962	15.3 AT 21:00 EST ON MAR 28	13.3 ON MAR 30	0.176 ON JUL 15	29 800R	1962
1963	37.9R AT 19:00 EST ON MAR 30 *	28.7 ON MAR 31 *	0.125RB ON DEC 21	35 800R	1963
1964	26.1 AT 22:00 EST ON APR 13	23.6 ON APR 14	0.135RB ON JAN 1	38 000R	1964
1965	27.4 AT 05:00 EST ON APR 12	19.1 ON APR 12	0.142RB ON JAN 17	50 900R	1965
1966	15.8 AT 14:00 EST ON MAR 23	12.2 ON MAR 24	0.181 ON JUL 17	47 400R	1966
1967	31.7 AT 15:00 EST ON APR 2	28.6 ON APR 2	0.136 ON JUL 22	55 500	1967
1968	14.0 AT 16:30 EST ON MAR 28	12.6 ON MAR 28	0.235E ON FEB 24	48 800	1968
1969	17.8 AT 21:00 EST ON APR 10	16.5 ON APR 10	0.159 ON JUL 27	47 800	1969
1970	32.0 AT 11:00 EST ON SEP 24	18.9 ON JUN 2	0.227B ON MAR 20	57 700	1970
1971	28.2 AT 21:56 EST ON DEC 10	19.0 B ON APR 14	0.190 ON JUL 19	54 200	1971
1972	32.6 AT 17:30 EST ON APR 20	25.3 ON APR 20	---	---	1972
1973	---	12.0 E ON MAR 14	0.176 ON SEP 13	---	1973
1974	34.5 AT 16:27 EST ON AUG 18	20.5 ON NOV 1	0.105 ON AUG 12	38 100	1974
1975	24.7 AT 08:48 EST ON APR 19 *	23.1 ON APR 19	0.088 ON SEP 3	30 200	1975
1976	20.8 AT 22:47 EST ON MAR 30	18.7 ON MAR 31	0.099 ON SEP 8	38 300	1976
1977	21.4 AT 18:02 EST ON MAR 28	20.0 ON MAR 30	0.082 ON JUL 23	49 200	1977
1978	17.4 AT 21:52 EST ON AUG 23	15.2 ON APR 19	0.113 ON JUL 4	42 300	1978
1979	21.7 AT 18:10 EST ON APR 14	20.3 ON APR 14	0.136 ON AUG 18	53 000	1979
1980	20.8 AT 01:36 EST ON APR 8	19.3 ON APR 9	0.153 ON JUL 10	37 700	1980
1981	19.5 AT 01:41 EST ON SEP 10	10.6 B ON FEB 24	0.098 ON AUG 22	40 100	1981
1982	15.1 AT 08:06 EST ON OCT 7	11.4 ON APR 17	0.088 ON JUL 25	38 100	1982
1983	10.7 AT 18:32 EST ON APR 28	8.75 ON APR 15	0.080 ON JUL 30 *	38 100	1983
1984	13.6 AT 21:03 EST ON AUG 22	6.26 ON SEP 13	0.081 ON JUL 28	40 100	1984
				44 700R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

JUNCTION CREEK BELOW KELLEY LAKE - STATION NO. 02CF012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	1.09	1.45	7.12	5.36	1.53	1.29	1.48	1.81	5.00	4.37	3.86	3.02	3.13	1977
1978	2.09	1.49	2.13	10.8	5.05	1.18	1.26	1.52	3.11	5.47	2.85	1.89	3.33	1978
1979	1.64	1.51	5.63	17.5	5.79	---	1.14	1.18	1.49	2.26	3.81	---	---	1979
1980	2.73	1.34	2.67	11.0	4.85	1.87	1.36	1.61	2.86	3.76	2.59	1.56	3.15	1980
1981	1.04	5.12	4.73	9.36	2.49	2.05	1.78	1.09	4.16	3.68	2.00	2.15	3.28	1981
1982	1.53	1.20	2.80	14.6	2.47	1.14	0.488	0.868	2.33	3.80	3.34	4.95	3.27	1982
1983	3.17	2.26	5.40	8.34	5.98	2.91	1.38	1.84	2.11	4.21	2.37	1.92	3.56	1983
1984	1.03	4.32	3.74	9.81	2.53	4.67	2.22	1.90	2.98	3.77	5.01	3.98	3.37	1984
MEAN	1.79	2.34	4.53	10.3	3.94	2.13	1.38	1.48	3.00	3.82	3.22	2.78	3.30	MEAN

LOCATION - LAT 46 25 39 N LONG 81 05 50 W
DRAINAGE AREA, 207 km²
NATURAL FLOW

REMARKS - DATA PRIOR TO 1980 CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT.

JUNCTION CREEK BELOW KELLEY LAKE - STATION NO. 02CF012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	21.7R AT 01:05 EST ON MAR 31	21.0 ON MAR 30	0.470 ON JUL 23	98 800	1977
1978	---	20.6 ON APR 20	0.643 ON AUG 15	105 000	1978
1979	---	28.3E ON APR 15 *	0.851 ON AUG 18	---	1979
1980	17.0 AT 12:11 EST ON APR 14	18.8 ON APR 13	1.02 ON AUG 4	99 500	1980
1981	20.7 AT 22:03 EST ON FEB 24	20.3 ON FEB 24	0.612 ON AUG 16	103 000	1981
1982	22.8 AT 10:51 EST ON APR 19 *	22.3 ON APR 19	0.312 ON AUG 5 *	103 000	1982
1983	18.6 AT 13:25 EST ON APR 15	18.2 ON APR 15	0.822E ON NOV 12	112 000	1983
1984	10.1 AT 15:05 EST ON NOV 2	10.1 ON NOV 2	0.680 ON JUL 31	107 000	1984
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980		104 000	MEAN

KABINAKAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO. 04JA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	88.9	41.4	21.5	17.5	22.0	25.7 R	---	1950
1951	20.4 R	17.6 R	17.2 R	96.4	197	78.9	52.6	22.1	12.5	30.2	42.4 R	44.2 R	52.8R	1951
1952	24.6 R	18.0 R	13.7 R	52.4R	116	111	62.3	21.3	17.2	19.0	22.4	23.3 R	41.8R	1952
1953	13.0 R	10.3 R	10.9 R	37.9R	221 R	142 R	63.6R	21.7	15.2	12.8	11.4	20.1 R	47.8R	1953
1954	13.6 R	13.6 R	14.5 R	41.3R	196	97.8	45.7	24.2	18.1	54.1	53.1	20.9	49.5R	1954
1955	9.80	8.78	8.77	57.6	114	63.7	22.4	10.1	8.41	23.9	30.9	20.7	31.9	1955
1956	15.3	12.4	9.80	16.1	129	155	77.9	42.3	28.6	24.5	18.9	19.4	46.1	1956
1957	16.6	13.3	11.9	69.2	148	94.9	69.9	22.1	21.3	23.7	39.2	35.6	47.4	1957
1958	22.6	15.6	12.4	76.0	87.6	98.9	66.0	38.4	61.2	44.0	64.4 R	40.1	54.3R	1958
1959	21.9	17.4	17.2	23.1	135 R	91.6	34.9R	19.8	25.9	54.8	44.2 R	32.0 R	43.3R	1959
1960	22.6 R	17.8 R	15.4 R	44.1R	233	117	41.7R	40.7	23.8	17.3	27.3	17.2 R	51.7R	1960
1961	9.42R	9.33R	11.5 R	55.1R	178	103	67.4	30.7R	45.5	77.7	63.2	40.3 R	57.8R	1961
1962	22.5 R	18.0 R	15.5 R	19.8R	131	105	38.1	43.2	74.4 R	36.7	28.7	25.4 R	46.6R	1962
1963	17.6 R	13.2 R	10.8 R	28.5R	118	119	70.2	28.4	20.5	15.2	11.2 R	10.7 R	39.0R	1963
1964	10.5	9.55R	9.35R	86.2R	189	128	74.4	55.3	34.2	56.1	45.8 R	29.5 R	58.3R	1964
1965	20.2 R	17.6 R	14.3 R	26.8R	161	88.9	35.0	23.7	40.4	63.5	43.0	34.2	47.6R	1965
1966	28.5	22.0	18.6	51.3	185	126	83.0	34.0	25.5	63.9	58.0	41.7	61.0	1966
1967	26.0	19.7	17.5	73.4	217	103	40.0	30.6	10.3	17.3	16.6	10.3	47.8	1967
1968	9.14	7.89	8.32	89.3	90.4	82.9	111	72.4	57.5	73.2	62.6	39.7	57.0	1968
1969	30.2	23.3	18.6	41.4	177	79.6	40.4	19.7	12.1	22.9	17.8	16.5	41.8	1969
1970	13.0	10.9	9.34	10.5	93.8	76.2	62.9	22.8	31.1	35.3	35.8	27.3	35.1	1970
1971	21.4	17.3	14.0	26.0	154	118	64.2	28.5	39.6	45.4	53.1	37.2	50.5	1971
1972	24.3	19.2	18.1	20.5	184	85.7	53.6	32.4	22.8	35.9	26.2	19.3	43.6	1972
1973	18.5	13.4	17.4	57.1	144	93.1	78.4	66.3	44.0	42.6	38.5	28.9	52.8	1973
1974	21.6	17.5	14.3	15.0	184	133	55.6	45.0	39.9	77.6	67.0	40.5	59.6	1974
1975	28.5	19.5	16.6	23.6	131	95.5	38.5	18.8	11.2	12.0	23.5	15.6	36.0	1975
1976	11.6	10.1	10.4	101	130	81.4	29.6	21.7	9.11	8.25	7.25	8.05	33.9	1976
1977	6.70	5.56	7.53	105	128	61.1	46.9	19.4	80.6	84.6	61.7	31.1	48.0	1977
1978	22.7	16.7	8.87	13.1	143	133	64.6	31.4	17.6	34.3	25.4	19.6	44.3	1978
1979	15.7	11.5	11.2	51.4	284	174	57.0	28.6	45.5	79.6	89.5	53.9	74.4	1979
1980	31.6	19.4	13.8	84.1	172	73.7	38.3	22.4	20.5	38.2	33.1	23.4	46.0	1980
1981	15.2	12.8	14.0	78.0	188	90.6	39.2	15.1	7.36	8.61	10.9	8.88	39.1	1981
1982	7.81	6.41	5.53	13.8	144	88.5	77.6	38.7	53.7	98.4	100	61.4	58.7	1982
1983	35.8	24.8	22.2	30.4	213	120	47.8	19.8	23.5	45.9	33.8	26.1	53.8	1983
1984	18.8	14.3	11.0	86.1	118	103	87.4	45.7	18.9	18.1	24.1	25.4	47.0	1984
MEAN	18.8 R	14.7 R	13.1 R	47.8R	158 R	102 R	57.7R	30.7R	28.7 R	39.8	38.8 R	27.8 R	48.4	MEAN

LOCATION - LAT 48 44 39 N
LONG 84 06 13 W

DRAINAGE AREA, 3 780 km^2
NATURAL FLOW

R - REVISED SINCE JAN 1980

KABINAKAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO. 04JA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	---	286 ON MAY 7	11.0 ON SEP 11	1 870 000R	1951
1952	---	154 ON MAY 19	11.0 ON AUG 27	1 320 000R	1952
1953	---	276 ON MAY 11	8.07 ON OCT 28	1 510 000R	1953
1954	---	231 ON MAY 3	12.1 B ON DEC 31	1 580 000R	1954
1955	---	168 ON MAY 8	5.388 ON MAR 23 *	1 010 000	1955
1956	--	239 ON JUN 4	8.278 ON MAR 31	1 480 000	1956
1957	---	276 ON APR 28	10.9 B ON MAR 10	1 480 000	1957
1958	---	177 ON APR 23	11.8 B ON MAR 15	1 710 000R	1958
1959	---	213 ON MAY 9	16.4 ON AUG 18	1 380 000R	1959
1960	---	320 ON MAY 20	11.7 RB ON DEC 31	1 630 000R	1960
1961	---	255 ON MAY 17	8.38RB ON JAN 25	1 830 000R	1961
1962	---	181 ON JUN 2	14.6 RB ON MAR 20	1 470 000R	1962
1963	---	181E ON MAY 26	9.85 ON NOV 6	1 230 000R	1963
1964	---	254 ON MAY 2	8.15RB ON FEB 25	1 840 000R	1964
1965	---	187 ON MAY 18	12.2 RB ON APR 6	1 500 000R	1965
1966	306 AT 06:00 EST ON MAY 24	306 ON MAY 24	17.8 B ON MAR 9	1 920 000	1966
1967	287 AT 08:00 EST ON MAY 22	266 ON MAY 22	7.93 ON OCT 6	1 510 000	1967
1968	174 AT 20:00 EST ON JUL 21	173 ON JUL 22	5.958 ON MAR 24	1 600 000	1968
1969	242 AT 10:00 EST ON MAY 9	242 ON MAY 9	9.34 ON SEP 29	1 320 000	1969
1970	124 AT 08:04 EST ON MAY 24	123 ON MAY 24	8.308 ON APR 15	1 110 000	1970
1971	198 AT 08:34 EST ON MAY 28	198 ON MAY 28	11.2 B ON APR 10	1 580 000	1971
1972	206 AT 02:24 EST ON MAY 4	205 ON MAY 4	14.3 B ON APR 16	1 380 000	1972
1973	203 AT 02:02 EST ON MAY 13	202 ON MAY 12	11.3 B ON FEB 26	1 680 000	1973
1974	238 AT 11:23 EST ON MAY 22	237 ON MAY 22	12.7 B ON APR 3	1 680 000	1974
1975	1858 AT 18:10 EST ON MAY 2	191 ON MAY 3	8.52 ON OCT 13	1 130 000	1975
1976	231 AT 19:58 EST ON APR 23	229 ON APR 23	5.608 ON DEC 31	1 070 000	1976
1977	253 AT 19:26 EST ON APR 23	252 ON APR 24	5.478 ON MAR 3	1 510 000	1977
1978	227 AT 06:26 EST ON JUN 3	225 ON JUN 3	9.608 ON MAR 16	1 400 000	1978
1979	341 AT 01:30 EST ON MAY 15 *	340 ON MAY 15 *	9.978 ON MAR 16	2 350 000	1979
1980	---	284E ON MAY 3	12.4 B ON APR 2	1 480 000	1980
1981	225 AT 06:44 EST ON MAY 9	224 ON MAY 8	8.60E ON OCT 3	1 230 000	1981
1982	220 AT 15:42 EST ON MAY 6	220 ON MAY 6	5.428 ON MAR 15	1 780 000	1982
1983	---	261 ON MAY 5	14.5 ON AUG 25	1 700 000	1983
1984	158 AT 05:05 EST ON MAY 5	158 ON MAY 5	10.0 B ON MAR 23	1 480 000	1984
				1 530 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

KABINAKAGAMI RIVER NEAR KABINA - STATION NO. 04JA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	32.7R	23.7	32.1	17.8	---	---	1921
1922	---	---	---	---	---	52.7	28.1	14.3	8.08	5.71	5.97R	6.80	---	1922
1923	6.08	5.69	5.35	10.7R	30.0	27.1	21.2	10.2	15.5	25.2	43.6	36.1	20.0R	1923
1924	20.0	13.4	12.5	19.2	67.2	56.7	35.6	43.0	37.0	23.9	16.6	15.4	30.6	1924
1925	12.7	12.1	11.8	48.7	99.4	105	62.2	62.6	29.3	25.5	---	---	---	1925
MEAN	12.6	10.4	9.88	26.2R	65.5	60.4	37.3	32.6R	22.7	22.7	21.5 R	20.0	25.3	MEAN

LOCATION - LAT 49 47 00 N
LONG 84 06 00 W
DRAINAGE AREA, 3 780 km^2
NATURAL FLOW
R - REVISED SINCE JAN 1980

KABINAKAGAMI RIVER NEAR KABINA - STATION NO. 04JA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	---	---	---	1922
1923	---	73.6 ON JUN 28	5.15RB ON APR 1 *	632 000R	1923
1924	---	96.0 ON APR 30	12.5 B ON MAR 6	886 000	1924
1925	---	182 ON JUN 8 *	---	---	1925
				800 000R	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

KAGAWONG RIVER AT KAGAWONG - STATION NO. 02CG001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	1.58	0.980	1.08	0.848	0.880	---	1915
1916	1.27	1.53	2.06	5.71	5.67	3.67	1.76	0.888	0.816	0.748	1.88	2.92	2.44	1916
1917	3.48	2.56	1.68	4.86	4.27	3.68	3.31	1.78	1.48	---	---	---	---	1917
MEAN	1.86	2.05	1.93	5.68	5.07	3.38	2.54	1.45	1.12	0.918	1.18	1.80	2.44	MEAN

LOCATION - LAT 45 54 00 N
LONG 82 16 00 W
DRAINAGE AREA, 243 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

KAGAWONG RIVER AT KAGAWONG - STATION NO. 02CC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	7.39 ON APR 12 *	0.823 ON JAN 3 *	77 200	1916
1917	---	6.31 ON JAN 22	1.10 ON MAR 1	---	1917
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		77 200	MEAN

KAIBUSKONG RIVER AT BONFIELD - STATION NO. 02JE008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	0.994	0.969	0.962	---	---	---	1915
MEAN	---	---	---	---	---	---	---	0.994	0.969	0.962	---	---	---	MEAN

LOCATION - LAT 46 14 05 N
LONG 79 09 00 W

DRAINAGE AREA, 174 km^2
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

KAMINISTIQUIA RIVER AT KAKABEKA FALLS POWERHOUSE - STATION NO. 02AB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	37.2R	31.1R	31.3R	26.3R	31.5R	36.4R	37.0R	32.9R	---	1923
1924	24.6R	19.6R	13.3R	27.6R	28.8R	25.5R	25.5R	22.8R	30.5R	31.5R	31.0R	30.9R	26.0R	1924
1925	28.5R	29.9R	27.2R	46.1R	29.4R	42.0R	19.7R	19.1R	39.3R	42.4R	41.8R	35.6R	33.3R	1925
1926	36.2R	34.9R	41.6R	52.8R	41.2R	52.5R	57.0R	36.7R	47.2R	47.1R	44.8R	39.9R	44.4R	1926
1927	35.9R	40.9R	46.2R	107 R	218 R	119 R	85.7R	42.2R	29.3R	36.2R	41.0R	37.5R	70.1R	1927
1928	35.1R	34.2R	32.3R	33.9R	47.6R	43.6R	44.1R	28.0R	48.3R	53.4R	47.6R	39.3R	40.6R	1928
1929	27.0R	21.8R	25.9R	41.3R	40.7R	37.6R	32.4R	28.0R	28.2R	32.4R	31.9R	31.5R	31.6R	1929
1930	31.3R	37.0R	37.7R	34.1R	41.9R	29.4R	32.3R	29.1R	32.9R	29.2R	37.2R	28.7R	33.2R	1930
1931	16.2R	11.4R	10.2R	22.7R	36.7R	42.0R	19.0R	14.2R	17.2R	24.1R	42.9R	45.7R	25.3R	1931
1932	47.5R	45.6R	52.9R	80.6R	92.1R	66.1R	36.7R	44.8R	24.1R	19.0R	22.5R	14.0R	45.5R	1932
1933	14.0R	13.2R	35.5R	64.6R	102 R	66.3R	26.9R	22.1R	17.3R	24.2R	29.9R	27.8R	36.9R	1933
1934	28.6R	47.3R	47.7R	52.4R	237 R	91.5R	47.9R	32.9R	39.0R	34.0R	35.6R	40.8R	61.4R	1934
1935	39.7R	46.0R	53.0R	121 R	136 R	56.8R	47.7R	49.4R	41.2R	34.7R	40.3R	42.3R	59.1R	1935
1936	36.5R	32.6R	49.6R	80.7R	172 R	75.2R	42.0R	20.5R	20.0R	20.4R	24.4R	24.6R	50.0R	1936
1937	25.3R	27.5R	30.1R	65.6R	115 R	120 R	55.5R	48.6R	35.6R	36.5R	39.7R	37.1R	53.1R	1937
1938	29.3R	27.1R	40.4R	85.2R	230 R	133 R	57.9R	44.9R	29.9R	25.5R	29.0R	29.1R	63.7R	1938
1939	25.8R	25.9R	43.2R	112 R	76.5R	43.2R	85.9R	29.4R	30.4R	34.4R	31.2R	25.3R	47.0R	1939
1940	24.1R	23.5R	20.9R	23.6R	52.5R	41.3R	36.4R	31.8R	26.3R	23.3R	25.8R	25.4R	29.6R	1940
1941	24.0R	25.0R	24.8R	69.9R	37.0P	72.5R	34.9R	37.7R	79.8R	116 R	46.0R	44.6R	51.0R	1941
1942	44.7R	40.3R	38.3R	44.6R	76.8R	50.5R	39.9R	39.3R	39.8R	36.7R	37.5R	35.8R	43.7R	1942
1943	36.2R	35.6R	35.7R	55.9R	59.9R	230 R	93.9R	52.0R	63.2R	41.1R	36.8R	35.7R	63.9R	1943
1944	33.7R	27.0R	26.9R	53.1R	141 R	139 R	76.9R	172 R	85.0R	42.7R	49.6R	42.4R	74.2R	1944
1945	39.1R	42.0R	91.3R	170 R	53.0R	44.0R	45.8R	34.9R	41.1R	33.3R	35.5R	31.4R	55.4R	1945
1946	38.0R	38.7R	58.8R	74.4R	76.5R	46.7R	44.6R	38.8R	39.2R	71.4R	74.0R	49.7R	54.3R	1946
1947	49.2R	48.2R	39.7R	44.2R	94.5R	205 R	53.8R	46.3R	46.4R	43.1R	44.6R	38.7R	62.7R	1947
1948	42.0R	42.8R	39.4R	83.5R	57.4R	42.9R	47.9R	52.7R	52.7R	45.7R	38.7R	39.5R	48.7R	1948
1949	38.5R	39.7R	36.7R	57.9R	52.7R	35.5R	33.1R	33.7R	35.8R	40.1R	40.3R	39.5R	40.4R	1949
1950	38.1R	39.0R	40.5R	54.3R	306 R	174 R	142 R	58.8R	51.3R	89.8R	52.5R	53.5R	92.2R	1950
1951	51.7R	50.0R	56.6R	87.1R	255 R	78.8R	56.2R	45.4R	53.7R	60.3R	55.4R	51.4R	75.4R	1951
1952	52.8R	50.9R	50.5R	86.8R	58.2R	54.0R	137 R	59.4R	53.5R	28.0R	46.8R	45.4R	60.2R	1952
1953	44.3R	39.8R	40.8R	54.7R	72.4R	173 R	48.2R	36.6R	38.7R	38.8R	40.1R	41.1P	55.4R	1953
1954	41.7R	44.9R	43.6R	68.4R	198 R	124 R	50.1R	38.6R	33.8R	33.7R	34.2R	32.7R	62.1R	1954
1955	32.0R	32.1R	33.2R	62.5R	36.6R	29.7R	31.2R	27.9R	32.8R	39.8R	42.8R	40.4R	36.7R	1955
1956	38.6R	38.1R	30.3R	52.9R	90.4R	56.2R	43.5R	33.9R	37.2R	31.1R	34.1R	39.6R	44.0R	1956
1957	40.0R	39.2R	39.9R	92.7R	58.4R	67.4R	70.1R	34.3R	36.4R	39.3R	43.2R	42.8P	50.3R	1957
1958	44.5R	44.6R	41.4R	41.5R	28.0R	36.4R	42.3R	43.0R	33.1R	34.5R	30.8R	26.2R	37.2R	1958
1959	39.6R	55.6R	53.7R	42.0R	42.6R	56.3R	42.0R	42.6R	49.1R	58.2R	45.5R	44.3R	47.6R	1959
1960	53.1R	51.4R	46.0R	78.5R	46.7R	34.8R	40.6R	36.5R	29.3R	27.7R	39.3R	34.5R	43.1R	1960
1961	48.1R	55.7R	54.2R	63.8R	47.2R	43.0R	39.9R	45.1R	92.7R	57.1R	57.5R	42.7R	53.6R	1961
1962	42.2R	47.6R	59.3R	82.5R	58.1R	67.5R	45.2R	85.0R	47.7R	36.1R	44.1R	41.9R	53.0R	1962
1963	38.1R	36.8R	38.5R	47.2R	48.5R	207 R	42.7R	39.8R	46.7R	22.8R	33.1R	43.5R	53.5R	1963
1964	36.2R	36.8R	45.4R	68.8R	113 R	196 R	110 R	27.3R	63.1R	70.2R	61.7R	53.1R	73.4R	1964
1965	50.7R	55.4R	55.0R	81.7R	111 R	56.1R	35.5R	39.5R	52.8R	84.4R	46.6R	51.8R	80.9R	1965
1966	58.1R	59.8R	62.9R	122 R	181 R	87.8R	35.6R	27.2R	24.3R	27.6R	21.5R	22.9R	60.9R	1966
1967	32.4R	39.0R	37.4R	79.7R	104 R	51.8R	37.7R	36.3R	29.7R	28.9R	36.3R	40.0R	46.1R	1967
1968	42.3R	42.7R	40.7R	82.0R	134 R	295 R	185 R	56.1R	42.1R	74.4R	77.4R	64.6R	94.7R	1968
1969	59.3R	62.6R	68.6R	162 R	115 R	77.5R	62.9R	58.6R	37.0R	43.1R	41.3R	37.5R	68.7R	1969
1970	38.8R	43.3R	48.5R	82.0R	192 R	175 R	44.3R	21.1R	15.8R	49.5R	140 R	79.3R	77.5R	1970
1971	64.9R	64.1R	69.3R	147 R	154 R	110 R	38.9R	20.2R	19.8R	55.8R	104 R	68.4R	76.4R	1971
1972	57.7R	59.6R	59.5R	81.7R	98.6R	49.2R	70.5R	40.7R	24.5R	25.7R	31.7R	35.1R	52.9R	1972
1973	38.5R	42.2R	43.0R	84.5R	53.6R	63.4R	51.3R	34.0R	49.1R	69.7R	74.0R	54.3R	53.1R	1973
1974	49.7R	61.1R	58.0R	83.9R	108 R	106 R	60.0R	42.2R	50.2R	45.0R	70.5R	61.6R	66.3R	1974
1975	56.4R	56.1R	53.4R	78.1R	57.8R	36.7R	36.9R	22.8R	19.3R	23.4R	41.6R	46.8R	44.0R	1975
1976	47.9R	43.4R	45.6R	146 R	57.7R	46.1R	46.1R	23.9R	21.1R	32.1R	36.8R	26.0R	47.8R	1976
1977	19.7	23.4	22.6	32.1	25.4	37.8	23.8	31.4	193	140	80.1	66.8	58.0	1977
1978	60.5	52.5	54.6	81.5	57.7	78.5	66.2	42.9	37.7	27.5	31.2	45.8	51.6	1978
1979	39.4	40.6	42.1	76.7	101	83.3	49.1	22.3	27.5	29.1	33.2	42.5	46.9	1979
1980	43.8	45.5	44.7	57.7	21.9	21.0	19.8	22.4	51.9	39.0	43.4	45.4	36.0	1980
1981	46.5	47.2	47.8	95.8	71.7	112	55.8	18.7	19.0	20.7	34.4	36.0	50.3	1981
1982	41.7	34.6	19.6	54.5	72.8	22.6	111	89.9	32.4	100	94.9	72.4	60.9	1982
1983	60.2	58.2	63.7	69.1	45.6	56.8	92.2	43.8	31.7	32.6	37.5	45.6	53.1	1983
1984	46.4	47.4	47.7	84.7	68.3	94.4	57.9	45.5	38.2	32.9	38.1	31.9	61.1	1984
MEAN	40.1R	41.1R	43.6R	72.0R	91.6R	81.5R	54.5R	39.5R	41.2R	43.6R	45.4R	41.1R	53.2	MEAN

LOCATION - LAT 48 24 56 N
LONG 89 37 51 W

DRAINAGE AREA, 6 710 km²
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

R - REVISED SINCE JAN 1980

REMARKS - DAILY DISCHARGES PRIOR TO 1975 HAVE NOT BEEN PUBLISHED

KAMINISTIQUIA RIVER AT KAKABEKA FALLS POWERHOUSE - STATION NO. 02AB010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	98.0R ON SEP 23	4.96 R ON MAR 30	822 000R	1924
1925	---	---	---	---	1925
1926	---	118 R ON APR 24	8.85 R ON JUL 25	1 050 000R	1926
1927	---	148 R ON JUL 9	11.6 R ON AUG 8	1 400 000R	1927
1928	---	280 R ON MAY 15	12.5 R ON SEP 1	2 210 000R	1928
1929	---	99.1R ON MAY 3	16.8 R ON FEB 5	1 280 000R	1929
		118 R ON APR 5	9.17 R ON SEP 2	897 000R	
1930	---	87.2R ON NOV 21	13.4 R ON JUN 23	1 050 000R	1930
1931	---	164 R ON MAY 26	8.27 R ON MAR 15	795 000R	1931
1932	---	178 R ON APR 22	13.1 R ON DEC 8	1 440 000R	1932
1933	---	172 R ON MAY 1	11.3 R ON SEP 13	1 150 000R	1933
1934	---	354 R ON MAY 5	11.0 R ON NOV 23	1 940 000R	1934
1935	---	292 R ON APR 27	22.2 R ON OCT 7	1 860 000R	1935
1936	---	309 R ON MAY 1	14.3 R ON OCT 18	1 580 000R	1936
1937	---	183 R ON JUN 7	9.29 R ON JAN 16	1 670 000R	1937
1938	---	408 R ON MAY 5	10.8 R ON OCT 23	2 010 000R	1938
1939	---	504 R ON APR 19 *	12.6 R ON DEC 31	1 480 000R	1939
1940	---	330 R ON MAY 25	5.97 R ON JAN 23	937 000R	1940
1941	---	283 R ON JUN 6	12.9 R ON MAR 18	1 610 000R	1941
1942	---	126 R ON MAY 20	19.1 R ON MAR 15	1 380 000R	1942
1943	---	433 R ON JUN 17	21.5 R ON DEC 25	2 020 000R	1943
1944	---	297 R ON MAY 13	17.9 R ON MAR 12	2 350 000R	1944
1945	---	328 R ON APR 12	17.1 R ON NOV 4	1 750 000R	1945
1946	---	170 R ON OCT 31	20.3 R ON AUG 25	1 710 000R	1946
1947	---	478 R ON JUN 11	17.5 R ON DEC 25	1 880 000R	1947
1948	---	189 R ON APR 27	17.8 R ON DEC 25	1 540 000R	1948
1949	---	124 R ON APR 13	9.29 R ON SEP 5	1 270 000R	1949
1950	---	428 R ON MAY 22	21.4 R ON JAN 1	2 810 000R	1950
1951	---	413 R ON MAY 3	31.7 R ON JUL 22	2 380 000R	1951
1952	---	218 R ON APR 19	7.42 R ON OCT 19	1 900 000R	1952
1953	---	278 R ON JUN 1	22.9 R ON OCT 4	1 750 000R	1953
1954	---	300 R ON MAY 1	6.50 R ON SEP 5	1 880 000R	1954
1955	---	118 R ON APR 11	14.2 R ON MAY 23	1 150 000R	1955
1956	---	137 R ON JUN 1	22.9 R ON NOV 18	1 390 000R	1956
1957	---	303 R ON APR 25	12.0 R ON SEP 2	1 590 000R	1957
1958	---	65.1R ON NOV 19	6.80 R ON SEP 22	1 170 000R	1958
1959	---	154 R ON SEP 7	12.0 R ON JUL 30	1 500 000R	1959
1960	---	176 R ON APR 22	5.10 R ON SEP 29	1 380 000R	1960
1961	---	195 R ON SEP 12	0.283R ON JUL 2	1 700 000R	1961
1962	---	136 R ON AUG 9	0 R ON OCT 2 *	1 670 000R	1962
1963	---	377 R ON JUN 20	2.83 R ON OCT 12	1 690 000R	1963
1964	---	399 R ON JUN 24	7.08 R ON AUG 25	2 320 000R	1964
1965	---	263 R ON OCT 1	17.6 R ON JUL 26	1 920 000R	1965
1966	---	265 R ON APR 25	11.6 R ON SEP 19	1 920 000R	1966
1967	---	184 R ON MAY 2	11.6 R ON OCT 29	1 450 000R	1967
1968	---	484 R ON JUN 15	7.08 R ON SEP 15	2 990 000R	1968
1969	---	306 R ON APR 16	21.2 R ON SEP 14	2 150 000R	1969
1970	---	289 R ON MAY 26	5.66 R ON AUG 17	2 440 000R	1970
1971	---	328 R ON MAY 25	14.4 R ON AUG 10	2 410 000R	1971
1972	---	256 R ON MAY 2	15.9 R ON SEP 25	1 870 000R	1972
1973	---	146 R ON NOV 22	17.8 R ON SEP 17	1 680 000R	1973
1974	---	169 R ON APR 27	22.7 R ON AUG 19	2 090 000R	1974
1975	---	133 R ON APR 27	15.0 R ON SEP 22	1 390 000R	1975
1976	---	354 R ON APR 17	14.4 R ON DEC 25	1 510 000R	1976
1977	---	378 ON SEP 25	13.9 ON JAN 2	1 630 000	1977
1978	---	165 ON MAY 30	16.8 ON NOV 5	1 640 000	1978
1979	---	240 ON MAY 11	17.4 ON AUG 20	1 640 000	1979
1980	---	148 ON SEP 20	16.9 ON MAY 8	1 200 000	1980
1981	---	184 ON APR 11	17.2 ON AUG 24	1 590 000	1981
1982	---	325 ON JUL 7	17.3 ON APR 12	1 920 000	1982
1983	---	218 ON JUL 5	24.3 ON SEP 16	1 680 000	1983
1984	---	156 ON APR 28	25.3 ON DEC 24	1 820 000	1984
				1 690 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

KAMINISTIQUIA RIVER AT KAMINISTIQUIA - STATION NO. 02AB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1926	---	---	---	---	40.2	53.3	57.1	37.9	44.7	42.9	44.4	39.7	---	1926
1927	37.8	35.2	41.7	124	288	138	121	55.3	32.4	37.6	44.7	38.2	81.3	1927
1928	36.0	37.7	34.5	26.9	48.0	45.4	47.9	37.5	58.5	84.6	55.9	47.4	45.2	1928
1929	37.4	30.2	30.8	45.1	51.3	45.7	36.7	35.5	33.8	34.6	36.1	35.9	36.0	1929
1930	34.6	35.7	37.4	22.6	40.6	45.4	35.4	30.8	36.5	30.4	26.3	25.1	33.3	1930
1931	14.9	14.3	11.7	17.2	37.8	46.7	23.3	19.6	21.4	23.8	32.6	---	---	1931
1932	---	---	---	---	85.8	68.9	42.4	84.0	31.7	21.7	23.4	14.6	---	1932
1933	14.1	15.8	35.7	58.6	98.2	72.4	28.4	22.9	19.3	26.9	35.1	---	---	1933
1934	---	---	---	---	230	88.8	59.3	84.9	52.1	43.1	48.7	45.8	---	1934
1935	40.5	53.2	66.3	85.3	126	89.5	59.1	52.8	46.2	38.5	45.3	47.9	60.8	1935
1936	42.8	34.7	49.2	48.9	152	78.1	51.4	26.5	21.7	22.9	30.2	24.7	49.0	1936
1937	30.9	34.0	33.7	67.0	134	140	71.9	55.2	41.2	37.8	42.1	45.9	61.2	1937
1938	39.1	38.4	38.6	93.8	233	138	68.0	46.7	33.9	29.0	31.6	32.1	66.8	1938
1939	30.3	34.3	61.2	81.8	74.3	49.5	60.5	30.1	32.1	36.2	33.7	29.7	46.7	1939
1940	32.3	27.0	24.6	23.8	38.1	49.4	43.6	35.6	29.6	25.6	28.1	30.3	32.4	1940
1941	26.6	27.6	28.9	51.0	39.1	78.1	58.7	39.9	75.6	125	52.8	42.2	54.0	1941
1942	48.3	44.7	39.5	38.1	82.5	60.4	65.1	62.6	42.2	38.4	38.0	39.8	49.4	1942
1943	42.8	41.1	54.4	53.2	58.3	219	89.1	85.9	58.6	45.6	45.4	41.6	65.1	1943
1944	34.8	29.7	32.3	54.0	170	173	100	204	102	51.0	56.4	47.3	86.0	1944
1945	41.1	44.2	70.4	182	59.9	48.0	54.8	47.5	47.5	29.7	38.0	31.1	56.6	1945
1946	35.1	40.5	42.5	84.0	91.9	53.1	57.4	46.2	43.7	80.5	82.2	54.9	59.3	1946
1947	58.9	46.7	42.6	51.8	113	231	87.7	53.2	51.7	48.0	44.1	41.6	70.7	1947
1948	46.2	43.9	44.2	78.6	58.0	40.7	59.2	89.1	82.3	69.6	40.6	42.8	52.6	1948
1949	44.7	45.3	43.0	53.6	53.5	38.9	37.9	36.6	39.6	42.4	43.6	46.9	44.0	1949
1950	42.2	46.7	50.1	58.5	383	200	177	73.2	58.7	108	58.7	66.0	108	1950
1951	65.1	63.4	66.5	94.7	272	94.3	70.3	49.5	58.7	80.8	56.6	61.1	84.6	1951
1952	60.4	58.9	63.3	90.6	84.6	62.0	147	86.1	64.4	35.2	54.6	50.4	68.4	1952
1953	49.8	41.9	46.4	56.5	82.3	182	83.5	46.9	50.7	49.4	46.1	46.3	63.9	1953
1954	46.9	52.0	50.1	74.3	225	160	58.4	45.6	42.6	40.7	41.1	35.6	72.2	1954
1955	33.6	34.1	36.3	70.3	41.2	33.4	35.3	31.9	38.7	44.1	45.9	62.3	42.3	1955
1956	53.3	53.8	58.3	50.4	103	68.3	47.5	37.1	41.3	33.6	39.2	40.6	50.6	1956
1957	47.3	44.2	41.6	90.7	86.4	75.8	81.8	37.1	38.5	38.4	43.8	42.3	54.1	1957
1958	43.2	44.6	41.8	40.3	31.3	40.2	46.6	47.4	38.9	40.6	37.0	72.1	43.6	1958
1959	53.9	58.2	48.9	45.0	43.9	63.3	47.4	50.3	56.0	62.4	56.1	51.5	53.6	1959
1960	78.6	53.2	45.0	76.5	43.8	32.2	43.5	37.5	31.3	30.6	43.3	42.5	46.6	1960
1961	40.7	62.4	64.0	85.2	60.6	48.4	43.3	54.4	95.2	63.3	85.5	53.0	56.7	1961
1962	50.7	57.1	69.2	68.2	83.4	81.6	51.1	101	57.6	43.3	51.9	46.2	62.0	1962
1963	43.2	41.2	42.7	46.6	52.7	238	50.6	46.6	55.5	25.0	37.1	50.2	60.6	1963
1964	40.6	41.2	51.6	73.5	128	230	139	37.1	73.7	77.9	89.6	80.4	83.5	1964
1965	59.2	64.3	65.6	82.2	101	64.7	40.6	48.8	57.1	94.6	63.5	64.6	66.5	1965
1966	120	85.2	71.5	116	189	86.8	39.6	34.0	27.1	31.0	27.1	47.6	71.2	1966
1967	41.7	50.2	52.6	87.6	126	64.6	44.3	42.8	35.7	33.6	41.7	58.1	56.5	1967
1968	61.8	34.6	41.1	79.4	136	292	148	62.5	49.1	78.6	86.0	84.4	97.6	1968
1969	77.1	69.9	76.0	187	118	83.1	70.8	61.7	41.3	48.3	47.4	48.3	76.8	1969
1970	101	50.1	41.3	81.0	181	171	55.3	25.5	16.9	50.3	140	91.1	83.8	1970
1971	71.0	71.4	76.0	140	149	113	42.0	23.0	22.7	59.4	108	80.0	78.5	1971
1972	72.5	69.5	68.2	83.7	93.8	51.5	66.4	45.0	35.0	28.5	35.5	66.1	59.3	1972
1973	63.0	47.7	46.1	82.7	85.5	66.6	54.4	36.4	50.1	75.3	79.8	67.6	64.1	1973
1974	86.7	73.6	67.5	85.2	107	112	66.3	46.1	65.9	61.2	76.1	89.7	76.0	1974
1975	68.0	65.1	62.3	77.9	66.9	39.0	36.6	25.4	21.6	27.4	47.6	54.9	48.6	1975
1976	59.3	60.1	63.0	129	66.0	32.5	40.3	21.1	19.7	32.1	36.8	31.6	47.1	1976
1977	19.7	23.4	23.2	32.6	27.3	40.3	26.7	32.7	180	144	83.6	83.2	59.6	1977
1978	76.9	66.6	64.2	63.1	59.7	87.7	74.6	46.6	42.3	30.6	36.3	66.6	66.8	1978
1979	62.2R	49.9R	46.4R	77.4R	105 R	95.6R	67.9R	26.5R	26.7R	31.2R	34.0R	44.5R	64.3R	1979
1980	49.0	46.6	47.3	53.5	21.0	21.6	20.6	23.6	51.4	36.9	46.3	61.1	39.4	1980
1981	51.5	51.3	53.2	90.6	76.3	119	62.9	20.7	20.9	24.6	36.6	40.6	54.0	1981
1982	46.4R	61.1R	22.2	48.1	89.7	24.3	113	76.6	35.8	103	100	79.6	63.8R	1982
1983	67.6	64.6	70.4	60.6	46.6	62.6	89.0	60.1	36.4	34.6	40.6	52.6	57.6	1983
1984	53.1	54.4	54.4	66.7	89.6	101	66.2	52.4	44.6	36.7	43.3	37.1	56.4	1984
MEAN	50.0R	47.4R	48.7R	71.6R	99.1R	81.4R	64.2R	47.5R	46.2R	48.1R	49.8R	49.8R	60.7	MEAN

LOCATION - LAT 48 31 58 N DRAINAGE AREA, 5 480 km²
LONG 89 35 39 W REGULATED

R - REVISED SINCE JAN 1980

KAMINISTIQUIA RIVER AT KAMINISTIQUIA - STATION NO. 02AB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1926	---	---	---	---	1926
1927	---	184 ON JUL 10	---	---	1927
1928	---	340 ON MAY 15	22.3 ON SEP 3	2 580 000	1928
1929	---	91.6 ON OCT 20	21.7 B ON APR 1	1 430 000	1929
1930	---	121 ON APR 5	17.3 ON SEP 1	1 200 000	1930
1931	---	75.8 ON MAY 2	14.0 B ON APR 27	1 050 000	1931
1932	---	131 ON MAY 26	---	---	1932
1933	---	135 ON MAY 15	---	---	1933
1934	---	142 ON MAY 1	---	---	1934
1935	---	328 ON MAY 5	---	---	1935
1936	---	236 ON APR 27	21.7 ON OCT 6	1 920 000	1936
1937	---	273 ON MAY 1	19.7 ON OCT 3	1 550 000	1937
1938	---	241 ON JUN 6	19.7 ON OCT 30	1 930 000	1938
1939	---	428 ON MAY 5	14.8 ON NOV 24	2 170 000	1939
1940	---	201 ON APR 30	18.4 ON NOV 22	1 540 000	1940
1941	---	83.1 ON JUN 9	13.9 ON OCT 5	1 020 000	1941
1942	---	280 ON JUN 7	16.4 ON MAY 25	1 700 000	1942
1943	---	139 ON MAY 20	21.2 ON SEP 19	1 580 000	1943
1944	---	405 ON JUN 15	28.3 ON APR 18	2 180 000	1944
1945	---	385 ON AUG 10	29.7 B ON FEB 1	2 790 000	1945
1946	---	294 ON APR 12	26.5 ON NOV 3	1 790 000	1946
1947	---	187 ON OCT 31	17.3 ON AUG 27	1 870 000	1947
1948	---	575 ON JUN 11 *	34.3 ON OCT 25	2 230 000	1948
1949	---	169 ON APR 28	21.2 ON JUN 20	1 670 000	1949
1950	---	111 ON APR 13	22.1 ON OCT 2	1 390 000	1950
1951	---	513 ON MAY 21	41.9 ON SEP 30	3 440 000	1951
1952	---	416 ON MAY 2	38.1 ON SEP 3	2 670 000	1952
1953	---	221 ON APR 22	21.9 ON OCT 2	2 180 000	1953
1954	---	252 ON JUN 9	27.2 ON OCT 4	2 010 000	1954
1955	---	413 ON MAY 1	17.2 ON SEP 5	2 280 000	1955
1956	---	127 ON APR 19	18.4 ON SEP 5	1 330 000	1956
1957	---	164 ON JUN 1	25.1 ON OCT 7	1 600 000	1957
1958	---	288 ON APR 25	14.4 ON OCT 8	1 700 000	1958
1959	---	110 B ON DEC 9	14.2 E ON SEP 21	1 370 000	1959
1960	---	151 ON SEP 7	20.0 ON AUG 1	1 700 000	1960
1961	---	141 ON APR 23	8.40 ON SEP 25	1 470 000	1961
1962	---	186 ON SEP 12	8.238 ON JAN 9	1 850 000	1962
1963	---	170 ON AUG 8	18.8 ON JUL 13	1 980 000	1963
1964	---	428 ON JUN 20	5.52 ON OCT 15	1 920 000	1964
1965	---	462 ON JUN 27	7.83 ON AUG 25	2 840 000	1965
1966	---	251 ON OCT 1	25.0 ON AUG 8	2 100 000	1966
1967	185 AT 06:00 CST ON MAY 2	219 ON MAY 5	11.9 ON NOV 7	2 250 000	1967
1968	470 AT 20:00 CST ON JUN 14 *	187 ON MAY 2	10.8 B ON JAN 5	1 780 000	1968
1969	---	456 ON JUN 14	16.5 B ON JAN 23	3 080 000	1969
1970	274 AT 05:30 CST ON MAY 25	270 ON APR 17	20.3 ON SEP 15	2 380 000	1970
1971	---	271 ON MAY 26	5.24 ON OCT 5 *	2 850 000	1971
1972	227 AT 03:13 CST ON MAY 3	283 ON MAY 25	17.2 ON SEP 27	2 510 000	1972
1973	128 AT 03:10 CST ON NOV 22	232 ON MAY 1	8.35 ON SEP 8	1 870 000	1973
1974	183 AT 22:48 CST ON MAY 23	123 ON APR 22	20.2 ON SEP 19	1 830 000	1974
1975	130 AT 01:44 CST ON APR 27	149 ON APR 27	30.0 ON AUG 19	2 400 000	1975
1976	383 AT 01:09 CST ON APR 18	116 ON APR 27	17.8 ON SEP 19	1 530 000	1976
1977	282 AT 19:23 EST ON SEP 27	281 ON APR 18	10.9 B ON DEC 21	1 490 000	1977
1978	180 AT 02:33 EST ON MAY 30	292 ON SEP 27	13.8 B ON JAN 2	1 890 000	1978
1979	238 AT 12:36 EST ON MAY 11	170 ON MAY 30	19.3 ON NOV 11	1 850 000	1979
1980	142 AT 09:01 EST ON SEP 20	233 R ON MAY 11	19.4 R ON SEP 29	1 710 000R	1980
1981	160 AT 12:04 EST ON APR 30	135 ON SEP 20	10.8 ON JUN 12	1 250 000	1981
1982	316 AT 17:40 EST ON JUL 6	159 ON JUN 10	17.8 ON SEP 11	1 710 000	1982
1983	221 AT 09:57 EST ON JUL 5	292 ON JUL 7	18.1 ON APR 11	2 010 000R	1983
1984	189 AT 05:57 EST ON APR 28	215 ON JUL 5	27.5 ON SEP 16	1 820 000	1984
		159 ON APR 28	28.3 ON OCT 29	1 780 000	1984
				1 920 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

KAMINISTIQUIA RIVER AT OUTLET OF DOG LAKE - STATION NO. 02AB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	15.9 R	18.1 R	17.7 R	28.2 R	25.8 R	22.3R	---	1923
1924	16.7 R	20.6 R	11.0 R	5.54 R	8.70 R	14.2 R	13.4 R	8.82 R	7.76R	2.10R	10.4 R	16.2R	11.4 R	1924
1925	19.2 R	22.5 R	18.8 R	3.14 R	7.97 R	0 R	0.645R	3.85 R	20.5 R	24.3 R	27.2 R	24.8R	14.3 R	1925
1926	26.1 R	27.6 R	33.0 R	20.0 R	18.5 R	12.8 R	0 R	0.650R	15.9 R	13.6 R	24.3 R	16.9R	17.2 R	1926
1927	17.6 R	26.2 R	26.6 R	34.1 R	107 R	63.8 R	71.8 R	26.4 R	13.2 R	10.7 R	23.4 R	24.8R	37.4 R	1927
1928	24.0 R	25.1 R	23.0 R	13.8 R	5.05 R	5.77R	17.8 R	12.4 R	26.3 R	33.8 R	31.5 R	29.4R	20.7 R	1928
1929	23.3 R	22.3 R	18.6 R	3.21 R	11.6 R	11.2 R	12.0 R	19.1 R	13.3 R	20.0 R	14.3 R	20.8R	15.8 R	1929
1930	23.6 R	32.0 R	35.3 R	10.4 R	5.01 R	5.95R	8.37 R	17.1 R	27.0 R	20.9 R	15.4 R	14.7R	17.9 R	1930
1931	7.97R	4.01R	4.54R	1.54 R	0.316R	0 R	0.738R	10.1 R	12.6 R	11.1 R	15.5 R	24.9R	7.82R	1931
1932	33.5 R	32.1 R	38.1 R	18.7 R	33.0 R	34.7 R	10.9 R	35.4 R	24.4 R	16.7 R	10.5 R	10.5R	24.9 R	1932
1933	10.4 R	10.3 R	24.1 R	12.1 R	36.4 R	41.5 R	12.5 R	7.30 R	5.05R	5.30R	14.4 R	18.7R	18.7 R	1933
1934	16.7 R	41.3 R	37.6 R	21.5 R	86.3 R	40.0 R	26.2 R	26.4 R	29.7 R	18.2 R	19.8 R	26.4R	31.3 R	1934
1935	27.7 R	35.9 R	49.1 R	22.4 R	45.5 R	19.5 R	29.8 R	29.5 R	28.8 R	21.8 R	25.7 R	31.7R	30.6 R	1935
1936	30.5 R	23.7 R	38.7 R	21.4 R	41.4 R	36.1 R	35.8 R	17.4 R	11.8 R	12.4 R	18.3 R	17.5R	25.9 R	1936
1937	20.4 R	21.8 R	22.8 R	9.35 R	42.3 R	76.5 R	34.4 R	31.2 R	20.8 R	14.6 R	20.5 R	30.8R	28.8 R	1937
1938	25.8 R	19.8 R	17.0 R	33.7 R	130 R	67.0 R	28.2 R	23.3 R	21.5 R	20.5 R	18.0 R	22.3R	35.7 R	1938
1939	18.3 R	17.3 R	34.6 R	22.0 R	4.52 R	2.53R	27.5 R	7.57 R	20.9 R	28.9 R	24.3 R	17.4R	18.7 R	1939
1940	17.5 R	15.5 R	13.8 R	14.0 R	7.55 R	10.7 R	20.0 R	27.7 R	21.9 R	20.0 R	18.7 R	17.3R	18.9 R	1940
1941	18.0 R	17.3 R	18.7 R	8.33 R	8.31 R	15.5 R	28.2 R	22.1 R	8.58R	62.6 R	19.7 R	27.0R	20.3 R	1941
1942	31.5 R	30.2 R	32.3 R	11.4 R	8.81 R	21.5 R	9.48 R	23.1 R	35.5 R	28.3 R	25.2 R	23.4R	23.2 R	1942
1943	24.3 R	23.9 R	24.1 R	13.6 R	1.51 R	86.9 R	40.1 R	47.7 R	42.5 R	28.8 R	19.5 R	21.8R	31.0 R	1943
1944	21.5 R	13.7 R	13.2 R	7.90 R	81.5 R	81.9 R	37.3 R	144 R	83.3 R	21.3 R	14.7 R	21.5R	43.7 R	1944
1945	21.8 R	26.8 R	32.2 R	78.7 R	18.9 R	13.2 R	29.0 R	15.9 R	24.4 R	25.8 R	23.8 R	16.7R	27.3 R	1945
1946	24.8 R	22.6 R	14.9 R	24.8 R	38.8 R	17.4 R	15.4 R	28.1 R	28.6 R	28.2 R	41.7 R	28.0R	28.1 R	1946
1947	31.4 R	30.1 R	20.5 R	23.3 R	18.8 R	89.1 R	34.3 R	26.4 R	28.9 R	28.4 R	27.1 R	26.7R	33.0 R	1947
1948	33.3 R	32.3 R	27.6 R	15.2 R	5.91 R	15.3 R	39.7 R	33.7 R	44.2 R	42.7 R	33.6 R	26.4R	29.4 R	1948
1949	29.3 R	28.0 R	25.9 R	9.26 R	10.6 R	8.40R	12.6 R	22.0 R	28.3 R	18.1 R	23.9 R	22.1R	19.9 R	1949
1950	24.4 R	27.1 R	31.3 R	22.5 R	127 R	76.9 R	88.5 R	18.2 R	11.4 R	37.5 R	20.9 R	28.8R	41.8 R	1950
1951	31.8 R	34.6 R	44.6 R	27.7 R	87.0 R	23.2 R	27.3 R	19.8 R	12.8 R	13.3 R	19.0 R	23.9R	30.5 R	1951
1952	35.0 R	33.3 R	35.3 R	20.1 R	7.38 R	24.4 R	78.8 R	19.4 R	30.1 R	13.3 R	28.3 R	27.4R	28.4 R	1952
1953	29.4 R	24.0 R	25.5 R	6.17 R	5.48 R	72.9 R	20.0 R	22.5 R	23.9 R	23.6 R	28.7 R	27.0R	25.5 R	1953
1954	30.3 R	30.2 R	30.6 R	12.0 R	78.0 R	66.0 R	26.9 R	25.9 R	21.6 R	20.6 R	21.9 R	18.9R	31.9 R	1954
1955	19.4 R	19.0 R	18.9 R	7.97 R	14.3 R	18.0 R	20.6 R	21.5 R	25.5 R	18.9 R	20.8 R	22.5R	19.0 R	1955
1956	22.6 R	22.3 R	17.2 R	6.88 R	0.283R	4.00R	8.50 R	23.5 R	27.0 R	27.3 R	25.6 R	30.8R	18.0 R	1956
1957	33.3 R	30.2 R	29.8 R	22.2 R	2.07 R	23.4 R	34.3 R	22.4 R	23.9 R	39.1 R	35.3 R	32.8R	27.4 R	1957
1958	36.1 R	36.3 R	33.0 R	3.68 R	11.2 R	12.5 R	25.9 R	36.9 R	24.3 R	22.9 R	13.2 R	11.3R	22.4 R	1958
1959	33.5 R	34.3 R	49.5 R	17.3 R	3.33 R	18.2 R	20.1 R	18.5 R	3.53R	26.4 R	26.2 R	26.1R	24.4 R	1959
1960	37.2 R	38.8 R	39.5 R	31.8 R	15.9 R	17.3 R	31.4 R	25.7 R	17.4 R	14.1 R	9.07R	17.0R	24.7 R	1960
1961	37.7 R	41.3 R	40.5 R	15.5 R	0.708R	9.13R	16.5 R	40.3 R	52.4 R	31.2 R	30.5 R	29.8R	28.7 R	1961
1962	30.8 R	37.2 R	47.6 R	36.8 R	5.10 R	32.6 R	20.5 R	48.7 R	29.6 R	26.4 R	33.6 R	29.2R	31.4 R	1962
1963	31.4 R	30.0 R	31.1 R	9.76 R	13.9 R	100 R	17.8 R	26.2 R	26.4 R	18.2 R	28.7 R	37.7R	31.0 R	1963
1964	32.1 R	32.5 R	29.9 R	21.5 R	38.3 R	81.0 R	50.2 R	15.5 R	38.3 R	46.1 R	43.1 R	43.2R	38.3 R	1964
1965	43.0 R	50.4 R	50.2 R	43.6 R	22.4 R	20.9 R	16.6 R	34.3 R	17.0 R	32.1 R	32.7 R	37.1R	33.3 R	1965
1966	46.6 R	49.9 R	49.7 R	49.6 R	51.5 R	40.0 R	22.2 R	17.8 R	18.6 R	16.7 R	16.1 R	16.1R	33.1 R	1966
1967	24.2 R	31.7 R	22.6 R	6.64 R	47.6 R	21.5 R	22.3 R	10.4 R	25.6 R	24.3 R	29.0 R	31.3R	24.7 R	1967
1968	36.1 R	37.6 R	23.2 R	11.9 R	47.1 R	143 R	80.6 R	25.5 R	22.0 R	38.3 R	49.4 R	48.1R	47.0 R	1968
1969	41.8 R	47.6 R	51.6 R	51.4 R	42.5 R	35.0 R	35.0 R	35.8 R	30.1 R	30.6 R	31.9 R	31.4R	38.7 R	1969
1970	32.1 R	31.6 R	32.7 R	27.1 R	80.1 R	86.2 R	20.8 R	13.9 R	10.3 R	14.8 R	84.5 R	49.2R	37.0 R	1970
1971	48.9 R	50.7 R	51.2 R	48.4 R	49.4 R	58.7 R	24.5 R	8.21 R	9.13R	17.7 R	43.6 R	50.3R	38.5 R	1971
1972	45.4 R	50.5 R	48.3 R	28.4 R	1.08 R	12.3 R	27.7 R	23.5 R	15.6 R	15.9 R	19.0 R	26.6R	28.2 R	1972
1973	33.8 R	36.1 R	21.7 R	0.709R	10.0 R	36.9 R	25.3 R	10.8 R	11.2 R	35.8 R	40.4 R	36.4R	24.9 R	1973
1974	37.4 R	50.7 R	49.4 R	28.6 R	13.2 R	46.5 R	40.0 R	32.5 R	23.9 R	24.0 R	40.8 R	42.8R	35.8 R	1974
1975	42.1 R	44.5 R	46.1 R	28.0 R	4.42 R	3.13R	17.9 R	12.8 R	10.2 R	14.9 R	35.6 R	42.8R	25.2 R	1975
1976	41.3 R	33.8 R	33.8 R	14.0 R	21.6 R	19.6 R	33.1 R	19.4 R	20.6 R	32.7 R	40.2 R	23.5R	27.8 R	1976
1977	14.6	18.0	13.1	12.5	14.3	26.0	9.76	14.3	75.2	84.5	51.8	31.8	30.6	1977
1978	47.5	54.5	53.0	24.7	0.187	22.8	45.8	36.8	21.2	9.29	21.6	44.0	31.7	1978
1979	37.9	41.2	39.4	21.3	0.610	46.7	42.9	17.5	18.9	26.1	35.7	37.7	29.6	1979
1980	42.0	41.3	38.2	18.4	3.28	15.7	10.4	15.6	0	11.0	27.0	38.0	21.7	1980
1981	42.8	44.7	42.2	3.63	13.9	83.6	45.9	14.1	18.8	18.5	33.8	34.3	30.8	1981
1982	41.9	31.5	14.3	8.27	0.085	3.23	6.84	50.9	24.5	44.5	53.4	52.7	27.5	1982
1983	50.9	52.7	52.8	30.7	0.323	4.51	41.3	26.8	20.4	10.3	24.3	32.3	29.0	1983
1984	31.3	38.7	45.3	10.7	4.74	46.0	42.2	38.3	35.3	21.3	33.8	23.8	30.9	1984
MEAN	30.2 R	32.0 R	31.8 R	18.7 R	25.9 R	35.0 R	27.3 R	24.8 R	23.2 R	23.7 R	27.1 R	26.8R	27.5	MEAN

LOCATION - LAT 48 42 30 N DRAINAGE AREA, 3 760 km² DATA CONTRIBUTED BY - R - REVISED SINCE JAN 1980
LONG 89 38 00 W REGULATED ONTARIO HYDRO

REMARKS - DAILY DISCHARGES PRIOR TO 1975 HAVE NOT BEEN PUBLISHED.

KAMINISTIQUIA RIVER AT OUTLET OF DOG LAKE - STATION NO. 02AB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	28.2R ON JAN 3	0 R ON APR 18 *	382 000R	1924
1925	---	34.8R ON NOV 28	0 R ON APR 2	452 000R	1925
1926	---	56.4R ON FEB 2	0 R ON APR 20	542 000R	1926
1927	---	121 R ON MAY 20	0 RE ON SEP 1	1 180 000R	1927
1928	---	61.4R ON OCT 20	0 R ON APR 5	853 000R	1928
1929	---	31.1R ON AUG 5	0 RE ON APR 5	499 000R	1929
1930	---	44.5R ON FEB 26	0 RE ON MAY 4	585 000R	1930
1931	---	25.1RE ON DEC 1	0 R ON APR 9	248 000R	1931
1932	---	58.6R ON MAY 24	0 R ON JUL 10	789 000R	1932
1933	---	56.0R ON MAY 25	5.04 R ON AUG 25	528 000R	1933
1934	---	105 R ON MAY 21	13.8 R ON OCT 1	985 000R	1934
1935	---	61.7R ON MAY 23	0 R ON APR 23	968 000R	1935
1936	---	56.3R ON MAY 23	5.07 R ON NOV 14	820 000R	1936
1937	---	132 R ON JUN 7	0 R ON APR 18	907 000R	1937
1938	---	234 R ON MAY 5	1.13 R ON NOV 5	1 130 000R	1938
1939	---	63.1R ON JUL 10	0.595R ON MAY 10	589 000R	1939
1940	---	41.6R ON AUG 14	0 RE ON NOV 9	534 000R	1940
1941	---	94.6R ON OCT 14	0 R ON APR 11	841 000R	1941
1942	---	48.7R ON MAR 15	0.340R ON MAY 1	731 000R	1942
1943	---	221 R ON JUN 18	0.142R ON APR 21	978 000R	1943
1944	---	260 R ON AUG 16 *	0.566R ON APR 18	1 380 000R	1944
1945	---	142 R ON APR 19	0.283R ON MAY 26	860 000R	1945
1946	---	101 R ON OCT 31	0.142R ON APR 18	822 000R	1946
1947	---	189 R ON JUN 14	0.142R ON APR 30	1 040 000R	1947
1948	---	81.7R ON SEP 22	0.283R ON APR 20	930 000R	1948
1949	---	43.3R ON SEP 27	0.283R ON APR 12	626 000R	1949
1950	---	259 R ON MAY 21	0.283R ON APR 22	1 310 000R	1950
1951	---	151 R ON MAY 8	0.283R ON SEP 28	962 000R	1951
1952	---	100 R ON JUL 18	0.283R ON APR 17	930 000R	1952
1953	---	118 R ON JUN 18	0.283R ON APR 2	805 000R	1953
1954	---	139 R ON MAY 25	0.283R ON APR 14	1 010 000R	1954
1955	---	35.4R ON AUG 3	0.283R ON APR 15	588 000R	1955
1956	---	35.1R ON DEC 30	0.283R ON APR 14	568 000R	1956
1957	---	85.8R ON JUN 26	0.283R ON APR 26	885 000R	1957
1958	---	49.3R ON AUG 18	1.42 R ON APR 8	707 000R	1958
1959	---	56.4R ON JAN 30	0 R ON SEP 9	770 000R	1959
1960	---	56.4R ON FEB 3	1.33 R ON NOV 2	780 000R	1960
1961	---	104 R ON SEP 12	0.283R ON JUN 30	905 000R	1961
1962	---	79.3R ON JUN 26	0.283R ON MAY 2	930 000R	1962
1963	---	192 R ON JUN 19	0.283R ON JAN 20	878 000R	1963
1964	---	180 R ON JUN 27	0.283R ON APR 18	1 240 000R	1964
1965	---	53.8R ON DEC 17	0.283R ON MAY 2	1 050 000R	1965
1966	---	81 OR ON MAY 30	0.283R ON SEP 25	1 040 000R	1966
1967	---	51.3R ON JUL 8	0.283R ON MAR 1	778 000R	1967
1968	---	256 R ON JUN 12	0 R ON SEP 1	1 490 000R	1968
1969	---	52.4R ON MAY 2	0 R ON AUG 3	1 220 000R	1969
1970	---	137 R ON MAY 30	0 R ON SEP 27	1 170 000R	1970
1971	---	118 R ON JUN 1	0 R ON MAY 22	1 210 000R	1971
1972	---	54.1R ON JUL 26	0 R ON APR 22	829 000R	1972
1973	---	52.7R ON JUL 12	0 R ON MAR 28	785 000R	1973
1974	---	52.4R ON FEB 9	0 R ON APR 21	1 130 000R	1974
1975	---	54.1R ON APR 2	0 R ON APR 19	798 000R	1975
1976	---	49.3P ON OCT 31	0 R ON APR 8	880 000R	1976
1977	---	184 ON SEP 24	0 ON MAR 12	965 000	1977
1978	---	54.9 ON JAN 1	0 ON APR 23	1 000 000	1978
1979	---	54.4 ON JUN 14	0 ON APR 20	933 000	1979
1980	---	46.2 ON JAN 20	0 E ON APR 18	687 000	1980
1981	---	76.2 ON JUN 12	0 ON APR 2	971 000	1981
1982	---	86.6 ON AUG 6	0 ON APR 15	887 000	1982
1983	---	80.3 ON JUL 8	0 ON APR 24	915 000	1983
1984	---	54.5 ON JUN 15	0 ON APR 13	976 000	1984
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980		867 000R	MEAN

KAMINISTIQUIA RIVER AT STANLEY - STATION NO. 02AB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1927	---	---	---	---	---	---	125	56.4	32.4	38.8	46.7	38.6	---	1927
1928	38.2	39.1	36.4	36.3	57.4	84.2	47.8	30.4	67.2	59.4	58.0	52.1	49.4	1928
1929	34.8	32.4	38.0	63.1	52.2	44.8	36.4	31.0	29.4	37.4	39.9	35.9	36.0	1929
1930	36.4	36.8	38.8	24.5	53.7	40.7	45.1	50.3	43.2	31.1	39.8	26.8	36.8	1930
1931	16.3	11.4	11.3	32.0	66.1	---	---	---	---	---	---	---	---	1931
MEAN	29.8	27.4	28.4	38.8	54.8	49.8	63.8	42.0	43.1	44.8	46.1	38.8	42.0	MEAN

LOCATION - LAT 48 22 05 N DRAINAGE AREA, 7 740 km^2
LONG 89 33 55 W REGULATED

KAMINISTIQUIA RIVER AT STANLEY - STATION NO. 02AB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1927	---	---	---	---	1927
1928	---	142 ON JUN 24 *	18.7 ON JUN 3	1 560 000	1928
1929	---	84.1 ON MAY 17	7.76 ON JUL 1 *	1 200 000	1929
1930	---	87.28 ON NOV 21	14.8 B ON DEC 23	1 210 000	1930
1931	---	---	---	---	1931
				1 320 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

KAMINISTIQUIA RIVER NEAR DONA - STATION NO. 02AB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	62.2	44.4	23.8	25.8	22.6	31.5	35.8	---	1921
1922	32.3	30.0	28.3	24.8	14.0	16.0	32.4	27.6	22.1	33.5	30.3	30.1	26.8	1922
1923	30.8	28.7	28.2	24.8	12.4	11.0	16.2	19.7	20.2	28.9	31.1	24.1	23.1	1923
1924	14.7	12.7	10.5	9.08	11.3	14.8	12.8	10.4	11.7	8.92	11.9	16.9	12.0	1924
1925	18.2	26.3	19.4	10.1	10.4	8.53	5.42	6.52	19.1	24.5	25.5	25.5	16.5	1925
1926	25.4	23.5	33.6	25.4	18.9	16.8	5.13	3.12	17.2	18.2	25.4	19.9	19.0	1926
1927	24.2	36.8	33.3	43.6	138	89.4	78.3	38.7	17.8	15.7	26.6	29.3	46.2	1927
1928	30.0	33.3	30.8	18.1	11.7	12.5	22.5	16.1	32.1	36.0	35.5	32.8	26.1	1928
1929	29.9	28.4	21.8	10.7	18.1	16.2	17.1	23.5	18.0	23.2	17.8	24.3	20.6	1929
1930	25.7	28.1	34.8	14.6	11.7	11.3	12.1	19.0	26.5	22.8	20.4	18.7	20.4	1930
1931	10.8	8.84	8.44	5.77	6.37	5.17	4.65	12.9	14.7	14.1	17.8	27.1	11.5	1931
1932	34.2	36.0	39.8	26.7	34.9	34.1	18.1	37.6	27.6	18.4	14.4	12.6	27.7	1932
1933	13.1	15.0	28.8	18.8	42.2	43.5	15.7	11.7	10.4	10.9	17.3	20.3	20.7	1933
1934	20.5	43.7	36.5	25.0	74.8	40.8	31.5	31.4	34.3	22.8	28.4	34.5	35.3	1934
1935	30.6	39.8	49.7	33.5	48.4	22.7	33.0	33.5	32.8	25.8	30.5	34.6	34.5	1935
1936	34.2	25.4	41.5	35.7	50.3	39.1	39.0	22.7	16.7	16.8	18.9	17.7	29.9	1936
1937	25.3	26.8	19.7	20.1	48.5	66.8	45.1	37.4	25.3	17.7	23.7	34.9	34.3	1937
1938	29.0	26.0	24.2	38.0	138	75.0	38.2	25.7	25.1	22.7	21.7	25.6	40.7	1938
1939	24.1	26.1	42.4	31.9	16.5	9.72	32.6	13.5	25.3	28.9	27.9	21.6	25.1	1939
1940	23.4	18.3	17.3	17.8	16.3	13.8	22.9	29.0	25.1	22.4	22.1	21.0	20.8	1940
1941	17.7	19.7	22.0	16.7	13.1	23.6	33.1	22.0	13.5	51.9	22.3	30.6	23.9	1941
1942	35.6	34.0	31.5	18.9	18.1	27.2	14.1	24.1	33.6	27.1	25.4	26.8	26.1	1942
1943	29.8	26.5	22.0	18.1	8.63	76.3	39.9	43.6	41.6	27.3	21.2	24.7	31.6	1943
1944	24.2	18.1	18.5	14.1	74.1	73.5	41.0	121	80.3	28.5	21.1	25.1	43.6	1944
1945	24.2	30.0	35.4	70.2	27.0	20.8	32.4	19.0	26.7	27.6	26.8	22.0	30.1	1945
1946	26.3	26.9	23.3	32.9	80.4	25.3	30.2	30.1	28.6	33.3	44.3	32.7	31.3	1946
1947	40.1	31.7	24.3	28.8	27.1	102	28.6	30.5	31.4	30.0	28.3	30.3	36.2	1947
1948	33.5	29.2	27.3	24.2	10.9	18.1	36.8	34.5	46.3	41.9	33.7	31.6	30.5	1948
1949	31.8	33.0	26.8	17.0	16.7	14.4	16.6	27.0	31.4	22.7	28.6	26.9	24.3	1949
1950	26.6	32.3	35.7	27.6	170	102	90.4	33.4	27.7	52.2	35.0	44.2	56.7	1950
1951	43.6	46.7	44.2	40.0	108	41.1	40.3	36.0	31.1	29.5	30.6	34.4	43.8	1951
1952	42.0	42.5	41.2	34.4	20.2	30.3	90.2	33.2	40.8	24.0	38.6	34.5	39.2	1952
1953	33.4	28.8	30.3	17.2	16.6	84.0	31.2	29.9	31.7	30.4	32.6	33.3	33.2	1953
1954	35.8	34.0	32.6	23.3	81.5	76.5	36.9	33.2	28.4	27.1	28.2	23.3	36.4	1954
1955	22.4	20.8	22.7	18.7	20.0	25.1	28.7	27.1	30.4	24.4	25.0	23.2	23.9	1955
1956	19.9	22.5	19.7	14.8	11.9	12.1	18.3	20.9	29.8	---	---	---	---	1956
MEAN	27.5	28.4	28.8	24.4	39.7	37.8	31.1	28.0	27.2	28.1	28.2	27.1	29.5	MEAN

LOCATION - LAT 48 33 20 N DRAINAGE AREA, 3 630 km^2
LONG 89 35 19 W REGULATED

KAMINISTIQUIA RIVER NEAR DONA - STATION NO. 02AB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	41.3 ON AUG 1	8.78 ON MAY 28	845 000	1922
1923	---	41.6 ON NOV 8	7.80 ON JUN 13	730 000	1923
1924	---	51.5 ON SEP 22	5.38 ON OCT 19	378 000	1924
1925	---	36.0 ON NOV 18	5.15 ON JUL 5	520 000	1925
1926	---	38.68 ON MAR 4	2.78 ON JUL 29 *	593 000	1926
1927	---	155 ON MAY 9	7.56 ON SEP 3	1 480 000	1927
1928	---	51.4 ON OCT 20	6.68 ON JUN 12	825 000	1928
1929	---	35.7 ON AUG 8	5.72 ON APR 14	848 000	1929
1930	---	43.8 ON MAR 9	4.76 ON JUN 22	842 000	1930
1931	---	27.7 ON DEC 2	3.94 ON APR 30	383 000	1931
1932	---	56.1 ON MAY 25	5.72 ON JUL 24	876 000	1932
1933	---	57.2 ON MAY 20	9.60 ON OCT 2	852 000	1933
1934	---	111 ON MAY 24	17.9 ON APR 13	1 110 000	1934
1935	---	61.7 ON MAY 18	12.7 ON APR 30	1 080 000	1935
1936	---	58.8 ON MAY 24	10.8 ON NOV 15	945 000	1936
1937	---	144 ON JUN 6	7.83 ON OCT 31	1 080 000	1937
1938	---	247 ON MAY 7	8.95 ON SEP 25	1 280 000	1938
1939	---	65.1 ON JUL 9	7.33 ON JUN 21	791 000	1939
1940	---	40.2 ON AUG 14	6.57 ON JUN 12	858 000	1940
1941	---	66.9 ON OCT 14	5.61 ON MAY 12	753 000	1941
1942	---	48.2 ON MAY 21	6.09 ON MAY 12	824 000	1942
1943	---	190 ON JUN 17	6.46 ON MAY 24	1 000 000	1943
1944	---	238 ON AUG 18	7.67 ON MAY 2	1 380 000	1944
1945	---	103 ON APR 17	7.58 ON JUN 20	950 000	1945
1946	---	107 ON OCT 31	8.33 ON APR 21	987 000	1946
1947	---	248 ON JUN 12	7.93 ON MAY 15	1 140 000	1947
1948	---	85.7 ON SEP 27	6.88 ON MAY 23	984 000	1948
1949	---	39.6 ON FEB 25	5.95 ON JUN 25	768 000	1949
1950	---	334 ON MAY 22 *	8.51 ON APR 30	1 780 000	1950
1951	---	184 ON MAY 9	17.8 ON APR 22	1 380 000	1951
1952	---	113 ON JUL 18	13.5 ON APR 29	1 240 000	1952
1953	---	122 ON JUN 18	9.71 ON MAY 3	1 050 000	1953
1954	---	132 ON MAY 30	10.8 ON SEP 5	1 210 000	1954
1955	45.3 AT 17:00 CST ON JUL 29	39.9 ON JUL 28	8.41 ON APR 29	754 000	1955
1956	45.9 AT 23:00 CST ON SEP 17 *	40.8 ON SEP 17	8.95 ON MAY 25	---	1956
				932 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

KAPUSKASING RIVER AT KAPUSKASING - STATION NO. 04LF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1918	---	---	---	---	---	183	176	30.0	52.9	73.2	105	53.8	---	1918
1919	28.9	22.9	20.0	123	227	85.2	21.4	21.7	77.8	90.6	99.9	55.6	73.0	1919
1920	23.8	18.8	19.4	120	308	97.8	42.5	19.7	12.5	20.7	12.3	11.8	58.8	1920
1921	13.6	14.1	17.1	110	170	80.8	49.2	30.9	24.5	42.2	23.0	19.4	49.8	1921
1922	17.5	15.7	14.0	51.1	453	97.4	49.3	25.4	15.8	13.6	16.2	18.4	88.2	1922
1923	16.1	13.1	12.3	34.4	126	72.5	46.1	16.2	71.5	53.3	51.8	32.3	46.4	1923
1924	20.8	15.2	9.17	40.2	167	98.1	34.7	38.1	54.2	23.5	21.8	19.4	45.3	1924
1925	13.9	11.1	16.6	109	167	175	78.8	63.6	22.9	35.1	35.8	34.0	84.0	1925
1926	21.4	12.7	8.35	12.2	156	89.6	155	60.3	66.6	74.3	74.7	59.3	85.2	1926
1927	33.7	21.8	25.8	138	304	119	64.3	39.5	23.5	81.5	47.4	28.2	78.6	1927
1928	25.2	19.0	17.5	45.5	471	239	184	95.3	157	220	176	57.1	144	1928
1929	32.8	24.1	22.2	105	245	185	85.7	40.6	85.0	101	121	31.7	88.5	1929
1930	20.0	17.6	17.7	43.7	348	184	125	33.6	21.2	41.2	44.1	26.3	77.4	1930
1931	17.3	13.3	13.0	83.7	226	79.3	46.5	14.8	27.2	51.6	119	69.7	63.9	1931
1932	35.4	28.2	25.1	55.2	298	74.2	66.6	63.6	76.7	78.8	88.6	37.4	77.4	1932
1933	26.3	20.5	16.6	131	383	125	46.1	31.4	16.2	28.0	48.3	25.1	73.5	1933
1934	17.4	14.3	12.6	21.7	375	144	46.1	22.2	78.0	51.0	83.8	67.2	78.2	1934
1935	27.6	17.6	13.9	81.7	306	173	87.4	56.8	39.7	100	53.2	26.8	82.5	1935
1936	20.2	17.0	14.4	31.6	492	183	46.3	11.7	14.3	28.6	32.2	21.0	76.6	1936
1937	16.0	14.6	14.0	82.2	286	78.6	66.2	88.7	38.3	82.6	76.0	43.1	78.2	1937
1938	20.4	16.8	16.4	207	322	246	73.4	67.6	33.4	20.9	32.6	26.7	92.3	1938
1939	23.6	18.5	13.5	42.1	485	181	85.3	52.8	82.6	86.5	54.6	27.4	95.9	1939
1940	20.2	16.4	13.1	36.5	385	214	87.2	29.2	45.3	45.5	55.8	36.5	82.4	1940
1941	24.5	17.3	14.2	187	344	100	45.9	68.5	183	212	119	96.0	115	1941
1942	46.3	25.3	18.2	185	502	74.4	33.0	20.2	108	152	97.8	41.9	91.9	1942
1943	22.9	17.0	14.2	56.9	286	222	94.9	31.5	20.0	16.7	32.7	22.8	88.4	1943
1944	16.1	11.4	10.0	51.3	292	87.9	33.8	40.8	89.9	96.7	49.8	28.2	87.6	1944
1945	13.4	8.81	45.0	197	124	139	80.0	35.4	38.9	49.7	85.7	44.0	72.2	1945
1946	27.3	17.5	46.7	187	276	145	50.0	32.3	38.4	35.2	86.2	61.7	82.1	1946
1947	32.5	17.0	13.9	23.9	431	330	109	52.2	26.0	18.0	14.8	14.4	80.7	1947
1948	13.2	12.0	11.6	120	214	49.6	42.6	76.1	46.4	32.3	83.4	61.4	83.7	1948
1949	27.0	16.8	14.6	115	303	92.2	29.4	20.6	25.6	32.0	32.2	19.5	80.9	1949
1950	13.7	13.1	13.4	25.8	451	271	144	34.4	20.6	40.4	81.0	44.0	95.0	1950
1951	23.5	18.1	19.4	278	287	81.6	61.4	28.2	23.0	77.4	107	65.8	90.1	1951
1952	23.7	16.5	13.1	151	238	180	88.2	43.1	24.3	26.1	48.1	53.5	74.8	1952
1953	25.5	18.5	19.4	76.0	425	148	59.7	25.8	42.9	48.6	61.4	62.7	83.2	1953
1954	22.5	16.3	19.0	130	372	111	82.2	32.8	28.5	136	101	32.2	90.9	1954
1955	15.3	13.5	10.4	185	188	86.3	26.8	5.40	7.84	80.4	58.4	30.5	64.2	1955
1956	15.3	10.1	12.2	32.6	307	173	108	46.5	77.6	42.8	23.8	21.9	72.7	1956
1957	15.9	13.8	17.4	150	257	85.0	90.5	20.1	48.5	42.6	103	48.7	74.7	1957
1958	22.2	17.0	17.0	124	108	126	86.2	40.9	80.5	92.0	112	42.8	73.3	1958
1959	19.9	14.5	15.3	54.4	306	80.1	25.8	29.0	54.8	113	88.7	34.0	70.6	1959
1960	25.7	22.3	19.4	121	548	118	39.8	44.8	28.3	30.5	49.0	33.8	90.3	1960
1961	17.0	12.3	16.7	103	314	174	147	61.2	152	137	87.4	50.9	107	1961
1962	31.9	20.5	18.9	46.1	348	117	29.5	63.5	193	58.0	38.2	34.8	83.5	1962
1963	19.7	14.5	12.4	80.2	211	174	81.5	39.2	36.7	43.3	35.7	37.7	85.7	1963
1964	20.2	16.9	18.1	141	322	155	91.3	65.9	78.2	142	103	51.7	101	1964
1965	30.9	21.1	17.9	52.7	356	97.4	39.0	64.3	83.3	131	81.2	52.0	84.5	1965
1966	33.7	25.1	24.9	117	321	131	45.5	66.1	41.4	192	81.8	64.0	85.9	1966
1967	36.5	26.9	26.9	250	385	133	61.9	49.0	16.7	35.3	35.8	24.3	80.7	1967
1968	15.5	17.2	17.3	269	158	144	181	56.4	78.7	142	81.8	63.5	102	1968
1969	32.7	26.7	22.6	153	325	107	57.9	33.3	36.5	81.4	76.0	34.3	82.7	1969
1970	18.1	11.9	9.99	47.9	236	138	87.9	49.6	61.8	63.1	40.8	35.2	83.7	1970
1971	21.1	15.8	18.5	83.5	336	122	53.4	31.7	28.4	41.9	89.1	48.2	73.0	1971
1972	26.3	17.9	15.0	40.1	318	183	90.8	54.9	53.8	76.7	48.7	27.5	78.1	1972
1973	20.6	16.2	30.1	176	243	101	98.4	83.6	67.3	81.6	50.3	29.5	84.5	1973
1974	19.1	16.4	17.6	44.6	347	143	81.7	44.3	44.2	93.8	70.4	24.3	77.8	1974
1975	18.6	18.8	14.0	57.5	217	124	28.6	8.11	7.78	14.8	40.8	37.5	49.0	1975
1976	22.4	14.6	13.4	255	227	82.3	33.7	20.5	14.8	15.4	12.9	8.51	58.0	1976
1977	8.19	8.40	8.71	195	142	53.3	32.3	11.0	78.5	71.4	78.4	33.4	58.8	1977
1978	18.3	14.2	10.2	17.5	358	183	112	39.0	38.1	103	44.8	28.3	78.3	1978
1979	15.9	13.5	17.4	135	506	208	66.0	30.0	40.2	118	92.5	49.0	107	1979
1980	25.8	17.8	13.1	124	221	107	51.9	18.9	20.3	58.8	36.5	21.1	59.8	1980
1981	13.5	13.5	17.7	178	293	98.6	36.3	7.64	6.24	20.5	32.1	17.0	61.8	1981
1982	12.9	10.8	13.9	84.9	270	48.8	87.0	26.2	53.5	159	131	88.8	78.4	1982
1983	26.9	18.2	23.5	76.2	419	233	79.5	31.6	83.2	81.0	53.7	43.5	88.8	1983
1984	20.5	17.0	14.6	152	160	121	126	34.3	17.9	34.8	81.4	46.7	67.1	1984
MEAN	22.2	16.8	17.3	108	299	134	72.7	40.3	51.2	71.0	64.8	38.8	77.8	MEAN

LOCATION - LAT 49 25 04 N
LONG 82 26 15 W

DRAINAGE AREA, 6 760 km²
REGULATED

DATA CONTRIBUTED BY -
SPRUCE FALLS POWER AND PAPER COMPANY

KAPUSKASING RIVER AT KAPUSKASING - STATION NO. 04LF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1918	---	---	---	---	1918
1919	---	289 ON MAY 28	14.0 ON AUG 6	2 300 000	1919
1920	---	---	---	---	
1921	---	435 ON MAY 9	9.81 ON SEP 14	1 850 000	1920
1922	---	377 ON APR 27	12.6 B ON JAN 1	1 570 000	1921
1923	---	863 ON MAY 9 *	13.1 ON OCT 3	2 090 000	1922
1924	---	213 ON MAY 5	7.50 ON OCT 14	1 480 000	1923
		239 ON MAY 27	0.2838 ON MAR 3	1 430 000	1924
1925	---	---	---	---	
1926	---	388 ON APR 28	1.02 ON SEP 20	2 020 000	1925
1927	---	285 ON JUL 21	2.18 ON APR 18	2 090 000	1926
1928	---	487 ON APR 21	1.81 ON SEP 17	2 420 000	1927
1929	---	680 ON MAY 11	0.708E ON MAR 11	4 540 000	1928
		382 ON MAY 30	21.9 B ON MAR 21	2 780 000	1929
1930	---	---	---	---	
1931	---	589 ON MAY 5	8.20 ON SEP 14	2 440 000	1930
1932	---	331 ON MAY 11	0 ON AUG 15 *	2 010 000	1931
1933	---	422 ON MAY 11	2.27 ON SEP 12	2 450 000	1932
1934	---	473 ON MAY 14	0 E ON SEP 16	2 320 000	1933
		586 ON MAY 11	2.27 ON AUG 25	2 480 000	1934
1935	---	---	---	---	
1936	---	473 ON MAY 10	13.9 E ON MAR 1	2 800 000	1935
1937	---	756 ON MAY 14	2.27 ON AUG 9	2 420 000	1936
1938	---	580 ON MAY 3	14.0 B ON MAR 1	2 400 000	1937
1939	---	580 ON APR 28	3.28 ON MAR 13	2 910 000	1938
		759 ON MAY 9	0 E ON FEB 5	3 020 000	1939
1940	---	---	---	---	
1941	---	495 ON MAY 17	1.42 ON JAN 7	2 800 000	1940
1942	---	680 ON MAY 5	3.82 ON APR 6	3 820 000	1941
1943	---	501 ON APR 26	0.708 ON AUG 23	2 900 000	1942
1944	---	445 ON MAY 7	0.708 ON MAR 7	2 180 000	1943
		484 ON MAY 5	1.42 ON FEB 6	2 140 000	1944
1945	---	---	---	---	
1946	---	348 ON APR 13	2.27 ON MAR 11	2 270 000	1945
1947	---	603 ON MAY 28	7.93 ON MAR 3	3 590 000	1946
1948	---	801 ON MAY 19	4.39 ON FEB 2	3 880 000	1947
1949	---	445 ON APR 29	4.30 ON APR 4	3 010 000	1948
		513 ON MAY 3	4.90 ON FEB 27	1 920 000	1949
1950	---	---	---	---	
1951	---	810 ON MAY 27	9.54 ON JAN 4	3 000 000	1950
1952	---	549 ON MAY 2	14.2 ON FEB 10	2 840 000	1951
1953	---	402 ON APR 24	0.057 ON MAR 8	2 370 000	1952
1954	---	803 ON MAY 9	12.8 ON SEP 9	2 830 000	1953
		589 ON MAY 2	1.42 ON SEP 18	2 870 000	1954
1955	---	416 ON APR 22	1.05 ON SEP 5	1 710 000	1955
1956	---	490 ON MAY 18	2.27 ON FEB 25	2 300 000	1956
1957	---	820 ON APR 27	3.99 ON AUG 22	2 350 000	1957
1958	---	280 ON APR 22	12.6 ON AUG 7	2 310 000	1958
1959	---	860 ON MAY 7	1.84 ON AUG 13	2 220 000	1959
1960	---	719 ON MAY 17	11.8 ON SEP 3	2 850 000	1960
1961	---	524 ON MAY 16	11.4 B ON FEB 1	3 380 000	1961
1962	---	456 ON MAY 6	17.8 ON MAR 11	2 630 000	1962
1963	---	314 ON JUN 22	0.8218 ON MAR 26	2 070 000	1963
1964	---	584 ON MAY 1	15.3 ON APR 2	3 190 000	1964
1965	---	479 ON MAY 17	13.2 ON APR 2	2 670 000	1965
1966	---	479 ON MAY 20	19.3 ON SEP 28	3 020 000	1966
1967	---	524 ON MAY 9	2.97 ON OCT 1	2 850 000	1967
1968	---	548 ON APR 24	7.76 ON JAN 29	3 220 000	1968
1969	---	516 ON MAY 9	0 ON JUN 11	2 610 000	1969
1970	---	445 ON MAY 2	6.88 ON FEB 17	2 010 000	1970
1971	---	405 ON MAY 14	10.6 ON FEB 23	2 300 000	1971
1972	---	428 ON MAY 14	9.51 ON APR 13	2 470 000	1972
1973	---	450 ON MAY 9	13.5 ON FEB 28	2 860 000	1973
1974	---	439 ON MAY 15	6.94 ON APR 16	2 480 000	1974
1975	---	385 ON MAY 2	0 ON AUG 11	1 540 000	1975
1976	---	429 ON APR 23	0 ON NOV 25	1 840 000	1976
1977	---	487 ON APR 23	0.851 ON JAN 19	1 880 000	1977
1978	---	574 ON MAY 15	1.56 ON APR 2	2 500 000	1978
1979	---	413 ON MAY 11	8.24 ON FEB 22	3 380 000	1979
1980	---	571 ON MAY 1	2.72 ON SEP 17	1 850 000	1980
1981	---	558 ON MAY 8	0.823 ON JAN 20	1 840 000	1981
1982	---	537 ON MAY 5	4.82 ON JAN 24	2 410 000	1982
1983	---	484 ON MAY 15	12.8 ON FEB 18	3 040 000	1983
1984	---	307 ON MAY 2	7.39 ON SEP 15	2 120 000	1984
				2 480 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KASHABOWIE RIVER AT OUTLET OF KASHABOWIE LAKE - STATION NO. 02AB013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1951	---	---	---	---	---	---	---	---	---	3.97 R	3.33 R	3.85 R	---	1951
1952	2.79 R	2.98 R	2.04 R	2.55 R	1.35 R	0.846R	4.02 R	1.78 R	1.72 R	0.761R	1.15 R	3.50 R	2.11R	1952
1953	2.53 R	2.70 R	1.84 R	2.95 R	2.86 R	12.5 R	5.23 R	0.784R	2.93 R	2.47 R	1.72 R	1.88 R	3.32R	1953
1954	2.71 R	3.44 R	1.81 R	1.98 R	14.2 R	13.8 R	2.81 R	0.736R	0.736R	0.813R	0.850R	1.40 R	3.77R	1954
1955	1.55 R	2.25 R	2.21 R	2.53 R	0.939R	1.18 R	1.19 R	1.08 R	0.787R	1.45 R	1.77 R	2.59 R	1.82R	1955
1956	3.08 R	2.81 R	1.78 R	1.86 R	6.18 R	6.71 R	2.39 R	1.00 R	0.142R	0.426R	1.19 R	2.55 R	2.50R	1956
1957	2.10 R	1.58 R	1.39 R	2.28 R	3.17 R	3.93 R	3.83 R	0.844R	0.283R	0.841R	2.08 R	2.80 R	2.08R	1957
1958	2.73 R	2.30 R	2.17 R	1.03 R	0.808R	2.53 R	2.10 R	0.703R	0.297R	0.478R	0.875R	2.50 R	1.64R	1958
1959	2.71 R	2.18 R	1.42 R	1.01 R	2.41 R	3.40 R	2.20 R	1.46 R	2.38 R	1.50 R	1.83 R	2.56 R	2.07R	1959
1960	2.55 R	1.89 R	1.35 R	0.707R	1.37 R	1.36 R	0.677R	0.221R	1.81 R	1.83 R	2.15 R	2.41 R	1.50R	1960
1961	2.81 R	2.43 R	2.09 R	1.28 R	3.76 R	3.84 R	2.12 R	0.737R	3.33 R	1.94 R	2.09 R	1.67 R	2.32R	1961
1962	2.38 R	3.00 R	2.79 R	1.04 R	2.48 R	4.88 R	2.98 R	4.52 R	1.67 R	1.23 R	0.958R	1.10 R	2.42R	1962
1963	1.46 R	1.32 R	1.04 R	0.550R	1.25 R	9.26 R	3.18 R	1.88 R	1.24 R	0.431R	0.400R	0.685R	1.83R	1963
1964	0.735R	2.41 R	2.82 R	1.15 R	8.14 R	11.4 R	9.20 R	1.81 R	1.79 R	2.35 R	2.48 R	2.51 R	3.72R	1964
1965	1.34 R	0.481R	0.148R	1.56 R	4.88 R	8.00 R	3.85 R	0.891R	2.27 R	4.35 R	2.21 R	3.85 R	2.78R	1965
1966	3.42 R	2.08 R	2.80 R	4.32 R	7.15 R	6.27 R	3.05 R	1.14 R	2.00 R	0.588R	0 R	0.044R	2.62R	1966
1967	3.59 R	5.14 R	2.95 R	0.853R	5.08 R	2.85 R	1.19 R	5.17 R	0.757R	0.554R	0.771R	1.88 R	2.58R	1967
1968	1.59 R	2.47 R	4.34 R	0.147R	12.8 R	13.7 R	11.2 R	3.89 R	1.83 R	1.85 R	2.52 R	1.70 R	4.81R	1968
1969	1.07 R	0.695R	2.21 R	2.73 R	6.26 R	3.26 R	2.11 R	0.069R	0.057R	0.060R	0.112R	0.918R	1.84R	1969
1970	2.88 R	4.95 R	4.82 R	0.249R	12.1 R	15.8 R	3.76 R	0.376R	0.180R	2.22 R	7.01 R	4.24 R	4.88R	1970
1971	3.53 R	3.62 R	3.39 R	3.25 R	9.66 R	8.72 R	0.970R	1.44 R	0.772R	4.28 R	12.2 R	5.26 R	4.75R	1971
1972	3.60 R	2.37 R	3.07 R	2.10 R	5.47 R	3.49 R	3.85 R	1.73 R	0.722R	0.594R	0.542R	0.595R	2.35R	1972
1973	0.756R	2.73 R	3.22 R	2.97 R	4.33 R	1.08 R	2.54 R	3.07 R	3.55 R	3.33 R	4.31 R	3.43 R	3.94R	1973
1974	2.02 R	1.78 R	1.39 R	2.59 R	9.24 R	10.4 R	3.04 R	0.370R	2.43 R	5.11 R	3.86 R	2.86 R	3.76R	1974
1975	2.28 R	1.34 R	0.930R	1.89 R	5.20 R	2.45 R	1.98 R	0.477R	0.520R	0.221R	0.229R	0.377R	1.53R	1975
1976	2.29 R	3.89 R	2.75 R	4.18 R	4.75 R	1.35 R	1.96 R	0.142R	0.142R	0.142R	0.142R	0.142R	1.82R	1976
1977	0.142	1.40	1.33	0.283	0.329	1.50	3.81	0.487	12.3	11.8	5.11	4.08	3.87	1977
1978	3.06	2.00	1.31	1.08	4.28	7.90	1.23	0	0.097	1.84	1.74	0	2.04	1978
1979	2.78	2.48	1.34	1.30	11.4	4.42	3.44	2.61	0	0	1.81	3.04	3.91	1979
1980	3.32	4.17	3.25	1.38	0.832	1.08	0.500	0.500	5.28	5.45	1.55	2.14	2.53	1980
1981	4.83	5.16	3.26	2.90	10.7	5.27	3.18	1.50	0.150	0.150	0.825	5.30	3.89	1981
1982	7.16	7.53	1.24	1.34	10.1	3.52	13.9	2.14	1.50	5.30	5.85	5.94	5.56	1982
1983	4.48	3.22	3.70	1.78	2.82	14.0	12.1	0.31	0.457	1.34	2.35	4.98	4.41	1983
1984	5.93	5.22	3.64	1.29	11.0	8.55	5.01	1.29	1.79	1.74	0.951	4.59	4.34	1984
MEAN	2.77 R	2.84 R	2.29 R	1.79 R	5.60 R	5.09 R	3.72 R	1.54 R	1.89 R	2.12 R	2.28 R	2.53 R	2.93	MEAN

LOCATION - LAT 48 39 25 N, LONG 90 25 03 W
DRAINAGE AREA, 525 km²
REGULATED SINCE 1963
DATA CONTRIBUTED BY - ONTARIO HYDRO
R - REVISED SINCE JAN 1980

REMARKS - DAILY DISCHARGES PRIOR TO 1975 HAVE NOT BEEN PUBLISHED

KASHABOWIE RIVER AT OUTLET OF KASHABOWIE LAKE - STATION NO. 02AB013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1951	---	---	---	---	1951
1952	---	7.53R ON JUL 9	0.227R ON AUG 29	86 500R	1952
1953	---	14.1 R ON JUN 23	0 R ON MAR 25 *	105 000R	1953
1954	---	18.0 R ON MAY 23	0.708R ON OCT 8	119 000R	1954
1955	---	4.13R ON APR 21	0.453R ON MAY 7	51 200R	1955
1956	---	11.2 R ON JUN 1	0.142R ON AUG 18	78 800R	1956
1957	---	8.16R ON JUN 27	0.283R ON AUG 14	85 700R	1957
1958	---	3.91R ON JUN 20	0.057R ON APR 11	43 800R	1958
1959	---	5.65R ON JUN 14	0 R ON APR 18	85 200R	1959
1960	---	3.65R ON JAN 1	0.142R ON AUG 1	47 500R	1960
1961	---	7.19R ON MAY 28	0 R ON MAY 14	73 200R	1961
1962	---	8.54R ON AUG 13	0 R ON APR 22	78 200R	1962
1963	---	12.7 R ON JUN 19	0 R ON OCT 16	87 700R	1963
1964	---	15.3 R ON JUN 27	0.085R ON JAN 1	118 000R	1964
1965	---	14.8 R ON MAY 28	0.085R ON MAR 12	83 100R	1965
1966	---	12.3 R ON MAY 27	0 R ON JUN 23	82 700R	1966
1967	---	8.33R ON AUG 5	0 R ON APR 28	80 800R	1967
1968	---	15.8 R ON JUN 19	0.142R ON MAR 31	162 000R	1968
1969	---	8.38R ON MAY 19	0.057R ON AUG 12	51 700R	1969
1970	---	19.8 R ON MAY 31 *	0.085R ON AUG 15	154 000R	1970
1971	---	14.7 R ON NOV 8	0.538R ON AUG 28	150 000R	1971
1972	---	7.73R ON JUN 21	0.398R ON NOV 3	74 400R	1972
1973	---	5.66R ON NOV 10	0.255R ON JUN 15	92 800R	1973
1974	---	13.3 R ON MAY 25	0.142R ON AUG 26	118 000R	1974
1975	---	7.14R ON JUN 30	0.170R ON OCT 15	48 200R	1975
1976	---	8.50R ON APR 29	0.142R ON JUL 21	67 300R	1976
1977	---	15.3 ON SEP 11	0.142 ON JAN 1	113 000	1977
1978	---	12.8 ON JUN 8	0 ON JUL 30	84 200	1978
1979	---	17.0 ON MAY 20	0 ON JUN 15	91 900	1979
1980	---	12.0 ON SEP 24	0.200E ON MAY 1	89 000	1980
1981	---	17.7 ON MAY 8	0.150E ON SEP 1	118 000	1981
1982	---	18.3 ON JUL 19	0 ON JUN 8	175 000	1982
1983	---	15.1 ON JUL 5	0 ON APR 15	152 000	1983
1984	---	15.3 ON MAY 13	0 ON APR 13	137 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		92 500R	MEAN

E - ESTIMATED
R - REVISED SINCE JAN 1980

KATABOKOKONK CREEK ABOVE LOCUST HILL - STATION NO 02HC036

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	0.018	0.002	0.002	0.003	0.008	0.008	---	1974
1975	0.023	0.087	0.056	0.078	0.020	0.004	0	0	0.001	0.002	0.005	0.005	0.023	1975
1976	0.005	0.125	0.195	0.050	0.039	0.009	---	---	---	---	---	---	---	1976
MEAN	0.014	0.106	0.126	0.065	0.030	0.007	0.009	0.001	0.002	0.003	0.007	0.006	0.023	MEAN

LOCATION - LAT 43 55 07 N DRAINAGE AREA, 3.63 km²
LONG 79 13 34 W NATURAL FLOW

KATABOKOKONK CREEK ABOVE LOCUST HILL - STATION NO 02HC036

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	---	---	---	---	1974
1975	5.47 AT 19:21 EST ON FEB 24	1.58 ON FEB 24	0 ON JUN 28 *	734	1975
1976	7.59 AT 18:05 EST ON MAR 20 *	3.05 ON MAR 20 *	0.002 ON JUN 12	---	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		734	MEAN

KAWINOGANS RIVER NEAR PICKLE CROW - STATION NO 04FA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	5.22	4.19	---	1967
1968	3.84	3.53	3.53	14.8	57.8	54.3	40.5	31.4	24.3	34.9	25.5	11.8	25.5	1968
1969	6.59	4.78	3.82	18.9	36.4	58.0	39.0	28.5	41.0	48.0	23.3	12.8	26.5	1969
1970	7.98	5.80	4.53	5.41	33.3	35.4	34.9	28.2	33.0	25.9	22.5	11.8	20.8	1970
1971	7.84	3.00	5.14	18.5	47.3	22.0	17.3	20.8	8.74	18.1	31.6	14.4	18.2	1971
1972	8.38	5.78	4.66	5.78	46.8	18.1	15.2	17.4	28.4	33.9	18.8	10.3	17.3	1972
1973	5.83	5.03	4.59	10.7	24.4	16.7	26.0	39.3	34.7	22.4	15.1	9.83	18.0	1973
1974	5.71	5.28	4.55	5.84	59.7	81.3	22.8	28.1	38.4	22.5	14.8	10.8	25.2	1974
1975	7.77	5.56	4.44	6.75	45.2	29.1	18.2	35.2	15.9	9.41	11.0	5.94	16.5	1975
1976	5.04	4.54	3.88	16.3	24.4	12.7	6.66	3.11	4.49	4.87	3.61	2.89	7.71	1976
1977	2.27	1.90	1.83	12.6	31.7	22.8	33.3	19.8	27.4	17.2	8.98	6.02	15.8	1977
1978	4.35	3.51	2.82	3.64	37.8	44.6	19.8	25.8	17.6	11.8	10.9	6.07	15.8	1978
1979	4.16	2.83	2.91	11.1	44.6	23.2	26.1	32.0	52.2	31.9	37.3	11.0	23.3	1979
1980	5.18	3.32	2.55	8.95	18.0	7.73	5.59	5.13	17.3	18.4	8.84	4.55	8.87	1980
1981	3.78	3.17	2.91	4.28	22.5	16.8	7.59	3.18	2.41	2.88	3.77	3.47	6.32	1981
1982	3.10	2.90	2.83	4.20	51.8	31.2	13.8	11.2	8.12	15.8	10.7	5.81	13.7	1982
1983	4.89	3.71	3.18	4.80	10.7	10.5	28.2	6.05	4.18	7.04	7.54	6.00	8.15	1983
1984	6.09	4.35	3.71	14.9	24.8	25.9	8.96	6.04	4.03	8.89	8.71	5.85	9.52	1984
MEAN	5.49	4.23	3.85	9.77	35.9	30.0	21.5	20.0	21.3	19.8	14.8	7.94	16.3	MEAN

LOCATION - LAT 51 38 40 N DRAINAGE AREA, 1 640 km²
LONG 89 53 30 W REGULATED

KAWINOGANS RIVER NEAR PICKLE CROW - STATION NO 04FA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1967	---	---	---	---	1967
1968	---	---	---	808 000	1968
1969	84.1 AT 08:00 EST ON JUN 7	85.7 ON MAY 20 83.8 ON JUN 7	3.318 ON FEB 24 3.658 ON APR 2	835 000	1969
1970	73.3 AT 13:56 EST ON JUL 18	72.2 ON JUL 18	3.08 ON APR 21	857 000	1970
1971	57.5 AT 07:06 EST ON MAY 8	57.2 ON MAY 8	4.78 ON SEP 28	575 000	1971
1972	48.4 AT 19:50 EST ON MAY 21	46.1 ON MAY 21	4.028 ON APR 8	549 000	1972
1973	51.8 AT 06:11 EST ON AUG 12	51.5 ON AUG 12	3.43 ON APR 13	589 000	1973
1974	102 AT 08:50 EST ON MAY 27 *	102 ON MAY 27 *	4.168 ON APR 11	795 000	1974
1975	80.0 AT 13:30 EST ON MAY 9	82.8 ON MAY 9	3.948 ON APR 10	520 000	1975
1976	33.4 AT 03:55 EST ON MAY 1	32.8 ON MAY 1	2.17 ON AUG 25	244 000	1976
1977	61.4 AT 14:55 EST ON JUL 21	61.2 ON JUL 21	1.788 ON MAR 15 *	491 000	1977
1978	54.4 AT 12:10 EST ON JUN 13	54.1 ON JUN 13	2.508 ON APR 14	488 000	1978
1979	74.8 AT 18:13 EST ON SEP 8	73.5 ON SEP 8	2.468 ON MAR 17	734 000	1979
1980	28.2 AT 11:35 EST ON MAY 1	28.1 ON APR 30	2.258 ON APR 9	261 000	1980
1981	29.1 AT 07:27 EST ON MAY 5	29.0 ON MAY 5	2.39 ON SEP 25	198 000	1981
1982	70.6 AT 18:47 EST ON MAY 21	69.6 ON MAY 21	2.798 ON MAR 19	431 000	1982
1983	54.3 AT 14:16 EST ON JUL 6	53.7 ON JUL 6	3.028 ON APR 7	257 000	1983
1984	40.0 AT 18:31 EST ON JUN 10	39.3 ON JUN 10	2.98 ON SEP 7	301 000	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		514 000	MEAN

KEMPTVILLE CREEK NEAR KEMPTVILLE - STATION NO. 02LA006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	1 39	1 62	3 62	32 5	4 42	0 557	0 277	0 388	0 209	0 777	5 71	4 40	4 70	1970
1971	3 78	2 72	5 61	40 8	5 88	0 358	0 184	0 091	0 052	0 032	0 030	1 84	5 15	1971
1972	1 31	1 17	1 07	34 4	7 59	3 48	4 03	1 50	0 471	2 26	8 42	8 12	5 85	1972
1973	7 63	8 73	25 2	12 8	7 47	3 38	0 487	0 137	0 049	0 292	1 82	5 33	5 83	1973
1974	8 32	5 03	12 4	26 6	9 19	1 43	0 526	0 116	0 055	0 043	0 712	3 88	5 66	1974
1975	5 66	2 15	12 7	21 6	2 22	0 273	0 087	0 037	0 044	1 34	3 88	5 40	4 82	1975
1976	1 83	5 88	25 0	15 7	9 08	2 08	1 82	1 44	0 890	3 42	3 78	1 24	5 02	1976
1977	0 639	0 517	27 6	11 9	1 85	0 387	0 120	0 047	0 038	2 90	5 01	8 08	4 88	1977
1978	9 17	7 03	5 20	35 4	2 44	0 450	0 048	0 030	0 025	0 029	0 119	0 376	5 05	1978
1979	1 24	1 13	22 2	14 7	2 62	0 779	0 122	0 077	0 246	1 58	4 43	8 71	4 85	1979
1980	3 15	0 492	15 8	20 2	5 81	0 387	0 141	0 132	0 147	1 24	5 18	5 75	4 98	1980
1981	1 28	30 2	8 67	4 57	3 85	3 21	1 83	4 22	8 72	8 21	9 81	3 41	8 38	1981
1982	2 06	1 35	8 18	28 8	1 88	2 71	1 03	1 01	1 47	0 823	5 07	8 87	5 25	1982
1983	3 65	3 60	12 5	17 0	10 7	1 39	0 202	0 040	0 014	0 060	5 46	11 2	5 50	1983
1984	2 43	11 3	7 49	24 8	5 08	1 48	0 182	0 088	0 052	0 035	0 051	0 213	4 35	1984
MEAN	3 58	4 71	13 0	22 8	5 35	1 49	0 721	0 622	0 839	1 54	4 03	5 02	5 29	MEAN

LOCATION - LAT 44 59 38 N DRAINAGE AREA, 405 km²
LONG 75 39 46 W REGULATED SINCE 1951

KEMPTVILLE CREEK NEAR KEMPTVILLE - STATION NO. 02LA006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	72 2 AT 11 35 EST ON APR 11	69 7 ON APR 11	0 110 ON SEP 24	148 000	1970
1971	78 2 AT 20 35 EST ON APR 18	78 5 ON APR 18	0 019 ON NOV 4	163 000	1971
1972	81 6 AT 18 15 EST ON APR 17 *	80 1 ON APR 18 *	0 082 ON SEP 23	188 000	1972
1973	---	53 5 ON MAR 19	0 040 ON SEP 18	187 000	1973
1974	58 2 AT 20 15 EST ON APR 6	56 9 ON APR 6	0 034 ON OCT 11	178 000	1974
1975	47 6 AT 02 40 EST ON APR 21	47 3 ON APR 21	0 022 ON SEP 9	148 000	1975
1976	74 2 AT 02 45 EST ON MAR 30	72 8 ON MAR 30	0 439 ON AUG 17	190 000	1976
1977	60 1 AT 21 51 EST ON MAR 16	59 3 ON MAR 16	0 024 ON JUL 28	157 000	1977
1978	66 5 AT 18 18 EST ON APR 13	64 8 ON APR 14	0 020 ON SEP 9	159 000	1978
1979	60 38 AT 17 20 EST ON MAR 25	49 58 ON MAR 25	0 053 ON SEP 13	153 000	1979
1980	---	55 58 ON MAR 25	0 071 ON SEP 8	157 000	1980
1981	---	57 58 ON FEB 24	0 302 ON JUL 30	201 000	1981
1982	73 7 AT 05 27 EST ON APR 4	33 0 ON APR 4	0 247 ON AUG 18	188 000	1982
1983	32 4 AT 23 25 EST ON MAR 20	31 3 ON MAR 20	0 007 ON SEP 15 *	173 000	1983
1984	55 8 AT 10 35 EST ON APR 7	55 3 ON APR 7	0 020E ON OCT 2	138 000	1984
				187 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KENNY CREEK NEAR BURFORD - STATION NO. 02GB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	1 15	1 38	0 853	0 157	0 082	0 087	0 081	0 041	0 081	0 184	---	1961
1962	0 140	0 228	3 27	0 576	0 198	0 239	0 091	0 181	0 123	0 426	1 12	1 06	0 641	1962
1963	0 155	0 124	4 12	1 04	0 478	0 121	0 045	0 032	0 031	0 029	0 051	0 044	0 528	1963
1964	0 170	0 138	2 06	1 74	0 498	0 081	0 057	1 03	0 280	0 [illegible]	[illegible]	0 557	0 589	1964
1965	1 01	3 75	1 91	3 56	0 423	0 077	0 034	0 019	0 031	0 101	0 204	4 68	1 30	1965
1966	0 623	1 37	2 59	1 28	0 606	0 202	0 038	0 049	0 049	0 086	0 417	3 23	0.751	1966
1967	1 33	1 13	3 11	3 92	0 900	0 258	0 476	0 115	0 067	0 288	1 05	3 52	1 35	1967
1968	0 537	4 30	3 40	0 930	0 200	0 382	0 111	0 035	0 075	0 100	0 256	1 36	0.950	1968
1969	2 99	2 36	2 33	2 12	0 899	0 207	0 058	0 038	0 024	0 060	0 489	0 332	0 982	1969
1971	0 330	0 962	4 95	1 78	0 227	0 074	0.041	0 029	0 027	0 035	0 046	0 203	0 728	1971
1972	0 591	0 181	6 60	2 84	0 798	0 263	0.708	1 22	0 112	0 486	1 28	1 66	1.39	1972
1973	2 03	1 16	4 71	1 41	0 660	0 238	0 158	0 085	0.060	0 086	1 28	1 66	1.11	1973
1974	1 94	1 33	2 23	1 93	1 87	0 408	0.280	0 089	0 083	0 066	0 396	0 443	0 898	1974
1975	1 28	1 84	2 90	1 82	0 475	0 632	0 118	0 380	0 819	0.382	0 589	1 18	1.03	1975
1976	0 590	4 31	4 42	1 39	1 49	0.304	0 688	0 338	0 137	0.203	0 339	0 245	1.18	1976
1977	0 089	0 113	4 67	1 46	0 234	0.138	0 172	0 230	1 38	1.17	0 849	3 33	1.14	1977
1978	0 441	0 300	4 14	3 59	0 830	0.143	0 050	0 050	0 361	0 318	0 486	0 734	0.938	1978
1979	1 11	0 804	4 36	4 06	0 718	0 182	0 077	0 499	0.176	0 488	1 69	2 68	1.36	1979
1980	0 785	0 289	3 08	2 78	0 805	0 209	0 310	0 183	0 087	0 328	0 285	0 781	0.830	1980
1981	0 145	3 84	0 843	1 22	0 514	0 308	0.094	1 39	2.81	1.87	0 778	0 439	1.17	1981
1982	0 650	0 175	5 66	3 78	0 823	1 26	0.228	0 248	0 249	0.342	1 98	4 77	1.88	1982
1983	0 847	1 78	1 25	1 86	1 69	0.449	0.854	4 08	0 385	0 432	0 [illegible]	2 27	1.41	1983
1984	0 345	5 29	3 13	2 13	0 648	1 48	0 278	0 088	0 209	0 132	0 [illegible]	1 58	1.30	1984
MEAN	0 823	1 63	3 33	2 11	0.708	0.337	0 217	0 484	0.317	0.322	0 687	1 95	1.08	MEAN

LOCATION - LAT 43 05 57 N DRAINAGE AREA, 91 8 km²
LONG 80 25 18 W NATURAL FLOW

KENNY CREEK NEAR BURFORD - STATION NO 02GB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	15.0 B ON MAR 13	0.011 ON JUL 10	20 200	1962
1963	---	13.6 ON MAR 28	0.020 ON JUL 11	15 800	1963
1964	---	7.73 ON APR 7	0.025 ON JUL 29	18 000	1964
1965	---	29.7 ON DEC 24	0 ON JUL 29 *	41 000	1965
1966	---	12.6 ON DEC 8	0.003 ON JUL 12	24 900	1966
1967	---	21.2 ON APR 3	0.040 ON JUN 27	42 600	1967
1968	---	36.8 ON FEB 2	0.028E ON AUG 14	30 400	1968
1969	---	42.5 B ON JAN 30 *	0.014 ON JUL 25	31 000	1969
1971	---	15.8 ON MAR 18	0.003 ON JUL 23	32 900	1971
1972	---	20.6 A ON MAR 4	0.068 ON JUL 31	43 800	1972
1973	25.5 AT 23:51 EST ON MAR 11	15.0 ON MAR 12	0.025 ON SEP 15	35 000	1973
1974	32.0 AT 11:19 EST ON APR 4	15.1 ON APR 4	0.037 ON SEP 9	28 300	1974
1975	22.7A AT 05:05 EST ON FEB 25	14.7 A ON FEB 25	0.051 ON AUG 2	32 600	1975
1976	53.5 AT 22:35 EST ON MAR 5	26.5 ON MAR 5	0.079 ON SEP 9	37 700	1976
1977	36.2 AT 11:33 EST ON MAR 13	23.7 ON MAR 13	0.040 ON JUL 31	35 900	1977
1978	38.8 AT 11:38 EST ON MAR 24	23.4 ON MAR 24	0.020 ON JUL 19	29 600	1978
1979	54.5 AT 10:15 EST ON APR 14	35.0 ON APR 14	0.023 ON JUL 24	43 400	1979
1980	42.5 AT 18:57 EST ON MAR 21	19.6 ON MAR 21	0.058 ON AUG 28	28 200	1980
1981	63.8 AT 23:16 EST ON AUG 30 *	27.6 ON AUG 31	0.026 ON JUL 27	36 700	1981
1982	41.5 AT 12:40 EST ON MAR 31	30.2 ON APR 1	0.1138 ON FEB 13	53 200	1982
1983	31.8 AT 02:20 EST ON AUG 1	25.0 ON AUG 1	0.023 ON JUL 26	44 400	1983
1984	28.9 AT 16:11 EST ON FEB 14	19.0 ON FEB 14	0.015 ON AUG 27	41 100	1984
				33 400	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

KENOGAMI RIVER AT KENOGAMI DAM - STATION NO 04JD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	41.0	31.5	22.7	14.9	216	144	90.4	3.06	2.78	2.12	1.89	1.81	47.9	1939
1940	1.16	3.06	26.7	2.87	49.5	80.8	44.9	13.2	11.7	2.21	19.8	0.397	20.3	1940
1941	0.261	0.237	0.256	0.270	55.3	89.8	2.04	1.72	56.2	143	9.99	0.909	30.7	1941
1942	0.746	0.657	0.581	0.669	35.4	9.46	1.27	0.786	0.680	21.4	4.38	4.42	6.42	1942
1943	0.787	0.619	0.638	0.478	45.3	77.2	31.3	2.75	2.53	1.93	1.77	1.53	13.8	1943
1944	1.07	1.01	0.918	0.884	84.3	41.2	3.94	18.6	1.83	0.543	0.529	0.526	13.0	1944
1945	0.534	0.509	0.540	0.723	6.31	1.80	0.292	0.022	0.015	0.001	0	0	0.885	1945
1946	0	0	0	0.877	32.3	4.25	1.18	0.161	0.116	0.111	0.068	0	3.29	1946
1947	0	0	0	0	51.2	113	24.2	5.07	1.13	0.986	0.915	0.869	18.5	1947
1948	0.915	0.968	0.929	1.08	57.8	1.39	5.50	0.170	0.085	0	0	4.22	6.18	1948
1949	0	0	0	18.8	7.36	2.01	0.196	0	0	0	0.020	0	2.34	1949
1950	0	0	0	0	59.1	142	24.7	1.86	1.10	3.80	3.27	0.801	23.8	1950
1951	0.270	0	0	0.170	108	13.3	8.09	0.110	0.145	0.287	0.126	0	11.2	1951
1952	0	0	0	0	0	13.9	27.6	9.46	0.444	0.317	0.257	0.246	4.38	1952
1953	0.064	0	0	0	115	75.1	7.35	0.217	0.110	0	0	0	18.5	1953
1954	0	0	0	0	181	60.9	0.274	0	0	0	0	0	19.8	1954
1955	0	0	0	0	0.080	0.054	0	0.038	0	0	0	0	0.015	1955
1956	0	0	0	0	1.72	75.8	9.09	0	0	0	0	0	7.13	1956
1957	0	0	0	0	16.9	47.0	11.8	0.285	0	0.088	0.241	0	6.35	1957
1958	0	0	0	0.064	1.54	30.3	30.4	0	0	0	0	0	5.20	1958
1959	0	0	0	0	0	49.7	0	0	0	0	0	0	4.09	1959
1960	0	0	0	0	0	32.8	0	0	0	0	0	0	1.87	1960
1961	0	0	0	0	23.8	2.06	0	0	0	0	0	0	2.18	1961
1962	0	0	0	0	0	19.1	0	0	0	0	0	0	1.57	1962
1963	0	0	0	0	0	87.0	0	0	0	0	0	0	5.51	1963
1964	0	0	0	0	81.2	58.1	0	0	0	25.6	0	0	13.8	1964
1965	0	0	0	0	0	0	0	0	0	0	0	0	0	1965
1966	0	0	0	0	86.3	11.1	0	0	0	0	0	0	8.25	1966
1967	0	0	0	0	71.8	10.8	0	0	0	0	0	0	6.97	1967
1968	0	0	0	0	0	29.3	22.8	0	0	0	0	0	4.34	1968
1969	0	0	0	0	24.8	30.3	0	0	0	0	0	0	4.59	1969
1970	0	0	0	0	5.17	13.4	0	0	0	0	13.8	0	2.65	1970
1971	0	0	0	0	23.3	23.6	0	0	0	0	0	0	3.94	1971
1972	0	0	0	0	3.23	0	0	0	0	0	0	0	0.273	1972
1973	0	0	0	0	32.7	27.0	40.8	0	0	0	0	0	8.47	1973
1974	0	0	0	0	91.8	65.7	30.0	0.009	0	0	0	0	15.7	1974
1975	0	0	0	0	23.1	75.1	12.8	0	0	0	0	0	9.28	1975
1976	0	0	0	21.8	72.8	20.1	1.03	0	0	0	0	0	9.70	1976
1977	0	0	0	0	3.80	0	32.8	0	18.2	0	0	0	3.73	1977
1978	0	0	0	0	0	23.8	0	0	0	0	0	0	1.86	1978
1979	0	0	0	0	0.988	0	0	0	0	0	0	0	0.082	1979
1980	0	0	0	0	7.39	0	0	0	0	0	0	0	0.828	1980
1981	0	0	0	0	0	0	0	0	0	0	0	0	0	1981
1982	0	0	0	0	32.3	0	0	0	0	0	0	0	2.76	1982
1983	0	0	0	0	28.5	0	0	0	0	0	0	0	2.26	1983
1984	0	0	0	0	32.2	32.9	0	0	0	0	0	0	5.42	1984
MEAN	1.02	0.838	1.18	1.36	39.8	34.0	8.88	1.25	2.11	4.34	1.81	0.341	8.18	MEAN

LOCATION - LAT 49 55 05 N LONG 88 29 17 W DRAINAGE AREA, 4 270 km^2 REGULATED SINCE 1939 DATA CONTRIBUTED BY - ONTARIO HYDRO

REMARKS - DISCHARGES WASTED FROM DAM DOWN THE KENOGAMI RIVER

KENOGAMI RIVER AT KENOGAMI DAM - STATION NO. 04JD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1939	...	278 ON MAY 20	0.850 ON APR 19	1 510 000	1939
1940	...	144 ON MAY 30	0 ON APR 8 *	840 000	1940
1941	...	250 ON MAY 8	0.198 ON JAN 30	987 000	1941
1942	...	109 ON MAY 28	0.538 ON APR 3	203 000	1942
1943	...	157 ON MAY 12	0.425 ON APR 10	438 000	1943
1944	...	204 ON MAY 9	0.510 ON OCT 13	412 000	1944
1945	...	44.7 ON MAY 29	0 ON JUL 28	27 900	1945
1946	...	123 ON MAY 22	0 ON JAN 1	104 000	1946
1947	...	240 ON JUN 7	0 ON JAN 1	519 000	1947
1948	...	193 ON MAY 7	0 ON SEP 15	188 000	1948
1949	...	57.5 ON APR 14	0 ON JAN 1	73 800	1949
1950	...	311 ON MAY 25	0 ON JAN 1	744 000	1950
1951	...	209 ON MAY 19	0 ON FEB 1	352 000	1951
1952	...	134 ON JUN 6	0 ON JAN 1	139 000	1952
1953	...	215 ON MAY 22	0 ON JAN 20	524 000	1953
1954	...	419 ON MAY 17 *	0 ON JAN 1	618 000	1954
1955	...	0.255 ON AUG 20	0 ON JAN 1	454	1955
1956	...	241 ON JUN 2	0 ON JAN 1	225 000	1956
1957	...	198 ON JUN 25	0 ON JAN 1	201 000	1957
1958	...	218 ON JUN 28	0 ON JAN 1	184 000	1958
1959	...	170 ON JUN 4	0 ON JAN 1	129 000	1959
1960	...	157 ON JUN 2	0 ON JAN 1	59 100	1960
1961	...	185 ON MAY 30	0 ON JAN 1	88 700	1961
1962	...	180 ON JUN 3	0 ON JAN 1	49 400	1962
1963	...	204 ON JUN 7	0 ON JAN 1	174 000	1963
1964	...	380 ON JUN 21	0 ON JAN 1	437 000	1964
1965	...	0 ON JAN 1	0 ON JAN 1	0	1965
1966	...	251 ON MAY 20	0 ON JAN 1	280 000	1966
1967	...	197 ON MAY 12	0 ON JAN 1	220 000	1967
1968	...	185 ON JUN 15	0 ON JAN 1	137 000	1968
1969	...	182 ON MAY 21	0 ON JAN 1	148 000	1969
1970	...	54.8 ON NOV 3	0 ON JAN 1	83 700	1970
1971	...	147 ON MAY 27	0 ON JAN 1	124 000	1971
1972	...	23.7 ON MAY 20	0 ON JAN 1	3 840	1972
1973	...	122 ON MAY 15	0 ON JAN 1	287 000	1973
1974	...	268 ON MAY 23	0 ON JAN 1	485 000	1974
1975	...	284 ON JUN 17	0 ON JAN 1	293 000	1975
1976	...	155 ON JUN 22	0 ON JAN 1	306 000	1976
1977	...	204 ON SEP 10	0 ON JAN 1	118 000	1977
1978	...	98.5 ON JUN 8	0 ON JAN 1	61 900	1978
1979	...	3.67 ON MAY 15	0 ON JAN 1	2 800	1979
1980	...	57.2 ON MAY 17	0 ON JAN 1	19 800	1980
1981	...	0 ON JAN 1	0 ON JAN 1	0	1981
1982	...	243 ON MAY 20	0 ON JAN 1	85 800	1982
1983	...	170 ON MAY 26	0 ON JAN 1	70 900	1983
1984	...	179 ON MAY 12	0 ON JAN 1	172 000	1984
				358 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KENOGAMI RIVER NEAR MANMAMATTAWA - STATION NO. 04JG001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	...	...	...	...	...	...	...	...	...	...	251	115	...	1966
1967	65.6	61.8	87.5	448	1 720	670	220	264	88.7	221	283	92.9	347	1967
1968	53.7	36.7	37.4	743	863	444	719	530	315	403	279	118	383	1968
1969	95.3	77.7	83.2	323	1 440	732	310	185	180	251	130	85.0	323	1969
1970	55.5	43.7	38.9	89.9	582	513	258	89.4	258	318	308	118	284	1970
1971	89.0	70.1	54.2	183	1 350	518	225	142	283	687	...	...	...	1971
1972	145	82.7	56.5	58.9	1 070	371	278	198	132	333	179	84.2	250	1972
1973	87.0	48.2	53.4	429	928	405	674	277	184	194	108	88.5	287	1973
1974	82.6	46.9	45.0	81.7	1 380	838	400	248	212	548	280	135	361	1974
1975	76.3	53.6	42.7	82.6	955	710	231	98.3	77.6	188	358	117	248	1975
1976	54.6	40.7	38.9	818	820	441	209	115	74.6	80.8	51.2	35.7	231	1976
1977	31.0	28.9	45.6	953	893	305	542	172	431	397	287	108	350	1977
1978	61.8	46.2	38.9	55.0	1 130	1 030	324	128	88.7	182	109	80.0	272	1978
1979	61.6	52.4	35.4	323	1 350	720	247	189	263	382	387	152	339	1979
1980	80.6	81.8	45.8	358	1 270	399	127	108	138	357	209	80.5	272	1980
1981	59.5	58.7	85.0	525	800	487	178	48.8	30.3	47.6	81.5	39.7	202	1981
1982	33.3	30.5	29.0	55.9	1 380	427	531	177	235	501	329	184	328	1982
1983	89.6	67.4	68.0	108	1 570	645	277	102	131	510	261	148	333	1983
1984	79.8	57.8	48.8	880	1 040	784	449	234	101	139	177	148	328	1984
MEAN	88.4	82.4	80.2	349	1 150	578	384	180	178	318	228	104	288	MEAN

LOCATION - LAT 50 28 20 N
LONG 84 23 15 W

DRAINAGE AREA: 28 200 km²
REGULATED SINCE 1939

KENOGAMI RIVER NEAR MAMAMATTAWA - STATION NO. 04JG001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	2 500 ON MAY 21	53.5E ON OCT 7	11 000 000	1967
1968	---	1 600 ON APR 25	24.4B ON MAR 12 *	11 500 000	1968
1969	2 120 AT 15:30 EST ON MAY 8	2 100 ON MAY 8	56.6B ON MAR 30	10 200 000	1969
1970	---	1 730E ON MAY 3	3F.7B ON APR 8	8 010 000	1970
1971	---	---	---	---	1971
1972	1 830E ON MAY 16	1 830E ON MAY 16	47.3B ON APR 13	7 910 000	1972
1973	1 480 AT 16:28 EST ON MAY 11	1 460 ON MAY 11	46.1B ON FEB 24	9 050 000	1973
1974	---	2 120E ON MAY 23	44.7B ON MAR 21	11 400 000	1974
1975	1 870 AT 13:00 EST ON MAY 7	1 870 ON MAY 7	36.5 ON SEP 10	7 830 000	1975
1976	---	2 610B ON APR 24 *	32.6B ON DEC 31	7 320 000	1976
1977	2 560 AT 08:25 EST ON APR 25 *	2 540 ON APR 25	29.7B ON FEB 15	11 100 000	1977
1978	---	1 880E ON MAY 17	34.0B ON MAR 24	8 580 000	1978
1979	---	1 810E ON MAY 13	30.0B ON MAR 13	10 700 000	1979
1980	2 350 AT 18:30 EST ON MAY 3	2 350 ON MAY 3	42.0B ON MAR 28	8 600 000	1980
1981	1 120 AT 01:00 EST ON MAY 7	1 110 ON MAY 7	25.0 ON OCT 4	8 360 000	1981
1982	2 530 AT 04:39 EST ON MAY 8	2 520 ON MAY 8	28.3B ON MAR 11	10 300 000	1982
1983	---	2 100B ON MAY 5	58.5B ON APR 7	10 500 000	1983
1984	1 960 AT 14:45 EST ON APR 29	1 930 ON APR 29	44.3B ON MAR 18	10 300 000	1984
				9 450 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KETTLE CREEK AT ST. THOMAS - STATION NO. 02GC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	10.1	2.87	---	---	1945
1946	---	---	11.6	0.392	1.89	1.62	0.208	0.104	0.183	0.744	1.59	---	---	1946
1947	---	---	---	21.7	9.81	8.71	0.206	0.224	0.868	0.480	1.41	4.58	---	1947
1948	---	---	---	7.37	---	---	---	---	---	---	---	---	---	1948
1957	---	---	4.62	7.35	---	---	---	---	---	---	---	---	---	1957
1958	---	---	3.13	1.32	---	---	---	---	---	---	---	---	---	1958
1959	---	---	12.3	3.98	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	12.4	---	---	---	---	---	---	---	---	---	1960
1961	---	---	3.42	10.0	2.70	---	---	---	---	---	---	---	---	1961
1962	---	---	---	1.70	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	2.01	---	---	---	---	---	---	---	---	---	1963
1964	---	---	8.02	4.61	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	5.12	---	---	---	---	---	---	---	---	---	1965
1966	---	---	6.84	4.07	---	---	---	---	---	---	---	---	---	1966
1967	---	---	7.84	8.94	3.17	8.16	0.524	0.092	0.070	0.519	2.87	6.83	---	1967
1968	3.59	14.6	6.80	2.10	0.429	5.63	1.16	1.59	1.39	0.923	4.39	3.07	3.81	1968
1969	12.0	2.74	4.02	8.23	8.04	2.80	0.301	0.110	0.085	0.142	2.44	2.69	3.56	1969
1970	1.85	3.37	7.53	5.74	0.743	0.217	0.830	0.088	0.098	0.543	5.38	5.35	2.84	1970
1971	1.26	9.09	10.2	3.12	0.311	0.174	0.092	0.108	0.106	0.116	0.197	0.530	2.06	1971
1972	1.85	0.341	13.9	9.40	2.70	1.03	1.05	2.09	0.352	1.11	5.82	8.76	4.06	1972
1973	4.87	2.51	17.6	3.59	1.79	1.54	0.187	0.193	0.103	0.174	3.17	3.31	3.25	1973
1974	8.74	4.84	8.27	8.38	5.06	1.86	0.948	0.280	0.206	0.204	1.92	2.23	3.50	1974
1975	7.82	7.67	11.2	4.40	1.12	3.35	0.462	3.73	8.81	0.820	1.87	4.88	4.48	1975
1976	3.05	18.9	16.3	4.19	4.21	0.841	1.89	1.21	0.353	1.14	2.12	1.07	4.53	1976
1977	0.452	2.80	23.5	7.11	0.797	0.174	0.221	0.288	4.84	3.87	4.17	15.8	5.43	1977
1978	1.92	1.12	18.7	12.4	1.68	0.426	0.198	0.221	0.334	0.503	1.02	2.61	3.28	1978
1979	3.58	1.89	15.8	14.0	2.22	0.733	0.373	0.280	0.269	0.528	8.26	9.57	4.78	1979
1980	3.27	1.34	10.8	8.39	1.81	1.78	2.42	1.09	0.621	1.81	0.783	3.45	3.13	1980
1981	0.260	12.8	2.48	6.85	1.47	0.742	0.413	1.03	3.43	5.78	2.60	2.05	3.34	1981
1982	3.08	0.428	19.5	8.49	2.84	7.29	0.582	0.244	0.414	0.956	10.8	14.1	5.78	1982
1983	2.24	5.20	2.81	6.91	5.42	1.04	0.819	6.37	2.37	0.970	4.33	11.0	4.12	1983
1984	0.456	12.5	8.42	4.22	2.31	7.38	1.49	0.272	1.66	0.311	2.43	6.43	4.03	1984
MEAN	3.80	5.98	10.2	6.73	2.77	2.77	0.726	0.983	1.32	1.57	3.36	5.73	3.87	MEAN

LOCATION - LAT 42 46 40 N DRAINAGE AREA, 329 km^2
LONG 81 12 52 W NATURAL FLOW

KETTLE CREEK AT ST. THOMAS - STATION NO. 02GC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	---	---	---	1946
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	121 AT 04:30 EST ON DEC 22	79.6 ON DEC 22	---	---	1967
1968	275 AT 08:45 EST ON FEB 2 *	225 ON FEB 2 *	0.017 ON JUL 31	124 000	1968
1969	155 AT 18:15 EST ON JAN 30	111 ON JAN 30	0.028 ON AUG 27	112 000	1969
1970	124 AT 20:18 EST ON APR 2	54.7 ON APR 2	0.051 ON AUG 27	83 300	1970
1971	93.7 AT 17:59 EST ON FEB 27	86.5 ON FEB 27	0.085 ON SEP 11	85 100	1971
1972	142 AT 03:52 EST ON APR 17	72.2 ON APR 17	0.122 ON JUN 14	128 000	1972
1973	161 AT 21:36 EST ON MAR 11	89.4 ON MAR 11	0.034 ON SEP 12	103 000	1973
1974	118 AT 12:25 EST ON JAN 27	75.6 ON JAN 27	0.155 ON JUL 27	110 000	1974
1975	114 AT 16:01 EST ON FEB 24	81.0 ON FEB 24	0.268 ON JUL 10	141 000	1975
1976	---	131 E ON MAR 5	0 ON JUL 22 *	143 000	1976
1977	193 AT 09:59 EST ON MAR 13	126 ON MAR 13	0.102 ON JUL 5	171 000	1977
1978	99.1 AT 23:58 EST ON MAR 23	85.0 ON MAR 23	0.093 ON SEP 10	103 000	1978
1979	196 AT 07:52 EST ON APR 14	141 ON APR 14	0.124 ON SEP 26	151 000	1979
1980	164 AT 17:56 EST ON MAR 21	87.6 ON MAR 21	0.2038 ON FEB 11	99 100	1980
1981	79.3 AT 18:00 EST ON FEB 23	52.6 ON FEB 23	0.191 ON JUL 27	105 000	1981
1982	109 AT 11:00 EST ON MAR 31	74.5 ON MAR 31	0.071 ON SEP 13	181 000	1982
1983	166 AT 01:57 EST ON AUG 12	76.4 ON AUG 12	0.146 ON SEP 15	130 000	1983
1984	117 AT 07:56 EST ON FEB 14	85.2 ON FEB 14	0.098 ON OCT 30	127 000	1984
				122 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

KETTLE RIVER ABOVE KETTLE FALLS - STATION NO. 05PA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1912	---	---	---	---	---	---	---	---	104R	82.1R	63.9R	51.4R	---	1912
1913	45.4R	39.7R	36.3R	53.7R	187R	---	---	---	---	---	---	---	---	1913
MEAN	45.4R	39.7R	36.3R	53.7R	187R	---	---	---	104R	82.1R	63.9R	51.4R	---	MEAN

LOCATION - LAT 48 29 40 N LONG 92 38 40 W
DRAINAGE AREA, 19 300 km^2
NATURAL FLOW
R - REVISED SINCE JAN 1980

KWATABOAHEGAN RIVER NEAR THE MOUTH - STATION NO. 04KA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	23.4	23.0	6.56	---	1967
1969	6.56	5.27	4.65	23.0	203	105	102	39.4	27.1	54.1	16.5	6.99	49.8	1969
1970	2.83	1.97	1.79	5.70	---	74.8	23.0	21.8	43.5	55.1	30.8	13.0	---	1970
1971	5.91	3.39	2.49	---	---	16.6	27.4	34.7	43.4	---	---	---	---	1971
1972	3.46	1.95	1.33	---	---	21.4	23.3	20.9	11.5	66.4	37.8	2.62	---	1972
1973	0.858	0.836	1.29	51.7	117	28.6	39.8	8.28	4.56	15.4	10.8	4.47	23.8	1973
1974	1.99	1.05	0.748	1.64	235	87.7	32.7	48.8	57.1	77.0	28.8	10.5	49.0	1974
1975	4.00	1.89	0.974	5.12	113	32.8	57.2	27.1	13.6	11.0	58.9	6.45	27.9	1975
1976	1.74	0.878	0.813	101	95.6	39.2	---	---	---	---	---	---	---	1976
1977	1.78	1.49	1.44	151	169	22.1	46.0	28.8	48.6	32.7	44.0	11.4	46.8	1977
1978	2.58	1.43	1.06	1.46	238	145	99.7	25.2	27.6	39.7	28.2	5.38	51.4	1978
1979	2.08	0.960	0.488	73.6	125	28.1	8.48	10.8	49.8	82.5	48.6	15.6	36.4	1979
1980	6.53	3.04	2.10	55.6	159	67.5	15.3	8.93	6.30	58.2	23.3	3.44	34.2	1980
1981	1.56	1.55	3.82	32.7	64.6	53.7	13.2	3.17	3.77	7.83	8.56	2.48	18.3	1981
1982	1.27	0.887	0.856	1.81	244	41.2	42.0	14.1	33.9	41.9	32.4	14.8	38.5	1982
1983	5.41	2.65	3.52	2.53	195	50.4	10.1	2.56	3.18	53.7	32.8	14.0	31.7	1983
1984	3.95	1.67	1.40	166	169	97.7	56.0	15.9	10.1	32.7	24.2	16.4	48.8	1984
MEAN	3.23	1.94	1.77	48.0	163	57.0	39.6	20.7	25.3	41.6	29.6	8.67	37.9	MEAN

LOCATION - LAT 51 09 00 N LONG 80 52 00 W
DRAINAGE AREA, 4 250 km^2
NATURAL FLOW

KWATABOAHEGAN RIVER NEAR THE MOUTH - STATION NO. 04KA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	345 E ON MAY 5	3.94 B ON DEC 31	1 570 000	1968
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	248 AT 09:00 EST ON APR 25	225 ON APR 25	0.821B ON FEB 15	780 000	1973
1974	538 AT 18:00 EST ON MAY 15	535 ON MAY 15	0.728B ON MAR 13	1 590 000	1974
1975	264 AT 17:25 EST ON MAY 4	259 ON MAY 3	0.674B ON APR 7	880 000	1975
1976	478 AT 01:45 EST ON APR 22	459 ON APR 22	---	---	1976
1977	821 AT 02:00 EST ON APR 27 *	776 ON APR 28 *	1.37 B ON MAR 8	1 480 000	1977
1978	---	442 E ON MAY 14	0.834B ON APR 5	1 820 000	1978
1979	---	280 B ON APR 24	0.400B ON MAR 18 *	1 120 000	1979
1980	505 AT 20:15 EST ON APR 30	493 ON APR 30	1.95 B ON MAR 20	1 080 000	1980
1981	88.9 AT 23:00 EST ON MAY 8	87.1 ON MAY 8	1.12 B ON FEB 16	515 000	1981
1982	765 AT 08:47 EST ON MAY 6	730 ON MAY 6	0.605B ON MAR 20	1 250 000	1982
1983	---	370 B ON MAY 6	1.63 B ON APR 7	1 000 000	1983
1984	721 AT 19:30 EST ON APR 26	690 ON APR 26	1.21 B ON APR 9	1 570 000	1984
				1 200 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LA VALLEE RIVER AT LA VALLEE - STATION NO. 05PC009

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	3.84	0.134	0.756	3.25	0.032	0	0	---	---	1.14	1952
1953	---	---	---	0.342	0.405	1.77	0.327	---	---	---	---	---	---	1953
1954	---	---	---	4.88	2.92	1.13	0.469	0.007	0.237	0.057	0.095	---	1.35	1954
1955	---	---	---	5.27	0.726	2.40	0.841	0.011	0.031	1.03	---	---	1.47	1955
1956	---	---	---	7.81	1.49	0.836	0.031	0	0	0	---	---	1.40	1956
1957	---	---	0.240	4.10	0.309	1.20	2.13	0.003	0.004	0.045	---	---	1.10	1957
1958	---	---	0.175	0.572	0.121	0.847	1.62	0.067	0.158	0.226	---	---	0.489	1958
1959	---	---	0.278	2.57	1.65	0.512	0.371	0.332	1.16	0.684	---	---	1.03	1959
MEAN	---	---	0.231	3.62	0.989	1.16	1.14	0.085	0.229	0.292	0.095	---	1.14	MEAN

LOCATION - LAT 48 37 15 N
LONG 93 37 30 W
DRAINAGE AREA, 150 km^2
NATURAL FLOW

LA VALLEE RIVER AT LA VALLEE - STATION NO. 05PC009

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	9.66 ON JUL 4	0 ON MAY 22 *	21 100	1952
1953	---	---	0 ON MAY 5	---	1953
1954	---	14.2 ON APR 13	0B ON APR 1	24 900	1954
1955	---	9.03B ON APR 12	0B ON APR 1	27 300	1955
1956	---	19.2 ON APR 14 *	0 ON JUN 20	25 900	1956
1957	---	15.7 ON APR 20	0 ON AUG 4	20 400	1957
1958	---	4.58 ON JUL 14	0 ON AUG 11	9 030	1958
1959	---	7.67 ON SEP 2	0 ON JUL 30	19 100	1959
				21 100	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LA VALLEE RIVER NEAR DEVLIN - STATION NO. OSPC016

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	0	5.83	0.955	2.32	0.183	0.024	0.014	0.222	---	---	1.17	1960
1961	---	---	3.14	4.77	1.31	0.382	0.832	0.087	2.08	1.71	---	---	1.75	1961
1962	---	---	0.138	10.5	9.19	3.13	5.28	0.558	0.547	0.293	---	---	4.08	1962
1963	---	---	1.14	4.53	1.64	4.76	0.981	0.334	0.167	0.033	---	---	1.68	1963
1964	---	---	0	5.68	3.91	7.32	0.595	1.18	4.55	2.14	---	---	3.26	1964
1965	---	---	0	11.1	4.17	5.10	0.508	0.071	2.49	5.05	---	---	3.78	1965
1966	---	---	1.24	20.8	4.84	0.226	2.47	4.90	0.373	0.388	---	---	4.35	1966
1967	---	---	0.206	11.0	4.01	2.82	0.453	0.173	0.104	0.407	---	---	2.37	1967
1968	---	---	2.67	6.08	1.31	10.0	2.79	2.72	8.23	5.37	---	---	4.98	1968
1969	---	---	0	13.1	1.99	1.09	0.191	3.36	0.054	1.66	---	---	2.65	1969
1970	---	---	0	12.5	5.71	2.95	0.052	0	0.108	0.611	---	---	2.84	1970
1971	---	---	0	9.29	2.83	0.600	0.072	0.007	0.083	4.43	---	---	2.15	1971
1972	---	---	0.085	9.85	2.37	0.112	4.19	0.193	0.212	0.455	---	---	2.17	1972
1973	---	---	2.72	1.55	0.891	0.556	0.849	4.37	3.30	4.34	---	---	2.34	1973
1974	---	---	0	11.2	8.95	5.22	0.095	0.204	0.189	0.388	---	---	3.28	1974
1975	---	---	0	14.2	3.87	1.74	0.903	0.121	0.187	0.387	---	---	2.64	1975
1976	---	---	0.353	9.20	0.373	1.34	1.25	0.211	0.001	0.001	---	---	1.57	1976
1977	---	---	1.10	1.49	1.65	1.92	0.268	0.022	5.02	1.85	---	---	1.65	1977
1978	---	---	0.001	12.3	2.11	3.81	2.98	1.01	8.05	0.842	---	---	3.57	1978
1979	---	---	0.264	17.7	3.28	3.82	0	0	0	0.009	---	---	3.08	1979
1980	---	---	0	6.75	1.19	0	0	0.398	4.34	2.80	---	---	1.91	1980
1981	---	---	1.28	2.72	1.44	2.00	0.588	0.001	0.417	1.48	---	---	1.23	1981
1982	---	---	0.005	8.33	4.61	1.70	1.11	0.932	0.757	5.65	---	---	2.88	1982
1983	---	---	0.901	3.61	1.21	4.15	2.28	0.120	1.61	4.00	---	---	2.22	1983
1984	---	---	0.081	6.82	2.20	9.94	0.747	0.024	0.001	1.75	---	---	2.64	1984
MEAN	---	---	0.613	8.87	3.08	3.12	1.30	0.839	1.63	1.92	---	---	2.65	MEAN

LOCATION - LAT 48 35 25 N LONG 93 40 22 W DRAINAGE AREA, 274 km² NATURAL FLOW

LA VALLEE RIVER NEAR DEVLIN - STATION NO. OSPC016

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1960	---	21.3 ON APR 14	0B ON MAR 1 *	24 900	1960
1961	---	19.78 ON MAR 28	0B ON MAR 1	37 100	1961
1962	---	41.9 ON JUL 11	0B ON MAR 1	66 400	1962
1963	---	18.58 ON APR 4	0B ON MAR 1	35 500	1963
1964	---	19.3 ON JUN 11	0B ON MAR 1	59 000	1964
1965	---	38.88 ON APR 14	0B ON MAR 1	80 000	1965
1966	---	38.6 ON APR 14	0B ON MAR 1	92 000	1966
1967	---	26.1 ON APR 22	0B ON MAR 1	50 000	1967
1968	---	40.5 ON JUN 9	0B ON MAR 1	106 000	1968
1969	---	45.38 ON APR 13	0 ON MAR 1	56 200	1969
1970	27.78 AT 10:45 CST ON APR 17	27.68 ON APR 17	0B ON MAR 1	80 100	1970
1971	---	35.7A ON APR 12	0B ON MAR 1	45 600	1971
1972	38.5 AT 02:35 CST ON JUL 21	35.1 ON JUL 21	0B ON MAR 1	45 900	1972
1973	16.4 AT 10:03 CST ON OCT 13	16.2 ON OCT 13	0B ON MAR 1	49 500	1973
1974	32.3 AT 21:00 CST ON APR 17	31.4 ON APR 18	0B ON MAR 1	68 900	1974
1975	---	44.5 ON APR 25	0B ON MAR 1	55 900	1975
1976	23.88 AT 19:30 CST ON APR 7	23.58 ON APR 7	0B ON MAR 1	33 100	1976
1977	14.6 AT 10:10 CST ON SEP 26	14.4 ON SEP 26	0B ON MAR 1	35 000	1977
1978	40.5 AT 11:15 CST ON APR 19	38.5 ON APR 19	0B ON MAR 1	75 700	1978
1979	---	68.8 ON APR 20 *	0B ON MAR 1	85 200	1979
1980	19.7 AT 21:10 CST ON APR 8	17.78 ON APR 8	0B ON MAR 1	40 500	1980
1981	---	11.28 ON APR 2	0B ON MAR 2	28 000	1981
1982	---	35.78 ON APR 19	0B ON MAR 1	60 900	1982
1983	14.1 AT 11:31 CST ON JUN 23	13.7 ON JUN 23	0B ON MAR 1	47 100	1983
1984	50.3 AT 01:20 CST ON JUN 10 *	48.0 ON JUN 10	0B ON MAR 1	55 900	1984
				56 100	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LA VASE RIVER AT NORTH BAY - STATION NO. 02DD013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	1.23	3.83	1.54	0.591	0.127	0.215	0.636	0.878	2.03	0.377	---	1974
1975	0.279	0.208	0.580	4.03	1.11	0.434	0.084	0.081	0.088	0.334	0.820	1.13	0.742	1975
1976	0.127	0.127	3.32	2.88	2.10	0.182	0.254	0.088	0.113	0.193	0.381	0.220	0.817	1976
1977	0.131	0.111	2.61	3.27	0.277	0.131	0.187	0.383	1.12	0.811	1.08	0.885	0.880	1977
1978	0.262	0.176	0.138	4.19	0.787	0.138	0.180	0.548	1.05	1.20	0.732	0.418	0.815	1978
1979	0.312	0.301	2.81	4.88	1.39	0.384	0.111	0.282	0.725	0.884	1.80	0.868	1.24	1979
1980	0.378	0.113	1.23	4.85	0.817	0.587	0.888	0.578	2.39	2.48	1.28	0.568	1.33	1980
1981	0.188	2.05	1.54	2.88	1.33	0.843	0.250	0.157	1.45	1.83	0.613	0.472	1.13	1981
1982	0.188	0.180	0.848	4.33	0.488	0.282	0.081	0.078	0.456	1.02	1.33	2.48	0.851	1982
1983	0.523	0.213	2.11	2.31	2.84	0.721	0.078	0.088	0.801	1.84	1.08	0.514	1.08	1983
1984	0.254	1.50	0.733	3.47	1.08	1.14	0.852	0.482	0.558	0.852	1.90	1.04	1.08	1984
MEAN	0.288	0.488	1.50	3.80	1.28	0.502	0.278	0.270	0.852	1.08	1.18	0.808	1.01	MEAN

LOCATION - LAT 46 15 44 N LONG 79 23 43 W DRAINAGE AREA, 70.4 km² NATURAL FLOW

LA VASE RIVER AT NORTH BAY - STATION NO. 02DD013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	13.7 AT 14:11 EST ON APR 14	12.8 ON APR 14	0.079 ON AUG 30	---	1974
1975	17.7 AT 01:51 EST ON APR 20	15.3 ON APR 20	0.028 ON JUL 8 *	23 300	1975
1976	19.2 AT 02:35 EST ON MAR 28 *	17.6 ON MAR 28 *	0.057 ON AUG 29	25 800	1976
1977	13.8 AT 05:18 EST ON MAR 31	12.8 ON MAR 31	0.042 ON JUL 19	28 000	1977
1978	11.3 AT 06:01 EST ON APR 19	10.6 ON APR 19	0.042 ON AUG 15	25 700	1978
1979	9.34 AT 03:05 EST ON APR 15	8.85 ON MAR 25	0.031 ON JUL 24	39 100	1979
1980	17.4 AT 23:51 EST ON APR 9	15.4 ON APR 9	0.082 ON JUL 14	41 900	1980
1981	10.8 AT 12:07 EST ON MAR 31	10.0 ON MAR 31	0.056 ON AUG 28	35 600	1981
1982	11.7 AT 13:24 EST ON DEC 26	10.6 ON APR 18	0.057 ON JUL 27	29 900	1982
1983	14.7 AT 23:29 EST ON MAR 19	12.2 ON MAY 8	0.056 ON AUG 13	34 400	1983
1984	7.71 AT 22:17 EST ON APR 6	6.82 ON APR 8	0.118 ON AUG 4	33 200	1984
	* - EXTREME RECORDED FOR THE PERIOD OF RECORD			31 700	MEAN

LADY EVELYN RIVER AT LADY EVELYN LAKE - STATION NO. 02JD011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1946	---	---	---	---	---	---	---	---	---	17.5	10.8	2.67	---	1946
1947	18.9	40.8	38.5 R	5.40	36.0	92.8	11.9	2.81	14.9	17.6	14.5	16.3	25.9R	1947
1948	14.3	20.8	11.1	0.328	0	1.43	3.42	10.8	16.8	20.1	21.5	3.64	10.3	1948
1949	11.5	32.7	48.0	15.8	41.4	29.6	25.4	19.7	16.9	21.8	18.8	9.94	24.2	1949
1950	15.1	18.9	27.5	12.1	7.25	18.0	14.3	14.0	13.7	8.63	7.29	5.28	13.7	1950
1951	27.3	43.5	40.3	20.2	18.9	17.6	24.3	12.5	22.9	46.6	41.5	23.5	28.2	1951
1952	26.6	44.2	43.5	19.2	0	21.1	14.3	10.8	27.8	22.1	18.2	0.672	20.4	1952
1953	32.7	39.6	46.9	26.4	22.3	10.6	22.7	13.5	9.77	17.0	19.3	1.56	21.8	1953
1954	16.1	41.9	54.6	18.7	0.588	40.5	19.1	20.1	25.3	35.4	26.5	27.4	27.1	1954
1955	50.0	51.1	39.4	8.82	0	0.988	3.82	8.35	13.9	5.47	22.2	18.5	18.4	1955
1956	47.1	48.4	29.6	5.25	0	13.5	17.9	15.1	23.6	25.5	17.4	24.0	22.3	1956
1957	41.8	53.1	36.0	11.9	0	1.37	49.8	12.5	17.4	16.7	23.4	24.5	23.9	1957
1958	44.1	45.6	47.3	2.08	0	0	4.87	4.95	14.5	12.9	2.76	21.1	16.6	1958
1959	38.9	42.1	20.3	5.24	0	2.88	16.2	13.7	17.3	24.9	17.4	28.4	18.8	1959
1960	46.7	48.2	33.1	11.6	72.7	26.9	23.3	9.51	18.4	11.2	29.2	20.8	28.3	1960
1961	27.4	39.6	45.7	7.14	0	0.634	13.8	8.43	19.2	20.2	28.3	16.3	18.6	1961
1962	35.4	34.2	43.4	2.81	17.1	8.67	19.9	13.2	7.06	20.7	13.9	11.1	19.0	1962
1963	14.7	18.9	18.8	0.020	0	8.32	9.95	14.0	8.84	12.4	14.7	13.1	11.2	1963
1964	27.7	40.9	37.4	8.87	0.027	14.0	12.2	5.18	10.4	11.6	16.6	14.3	16.5	1964
1965	24.5	33.1	28.3	6.78	0	0.100	8.10	18.7	20.0	28.1	7.85	22.1	18.2	1965
1966	29.2	43.3	37.8	11.7	5.56	39.3	18.7	22.1	35.6	36.5	40.5	61.2	31.7	1966
1967	39.6	54.0	55.3	22.7	43.3	85.5	2.65	14.7	29.1	22.1	2.18	17.2	30.5	1967
1968	30.6	33.3	23.3	0	0	7.24	25.6	25.2	30.8	11.7	13.8	16.6	18.2	1968
1969	30.5	38.1	40.1	11.4	0.008	3.89	31.9	37.5	23.8	8.48	5.11	18.5	20.6	1969
1970	31.8	36.5	26.1	8.20	0.278	27.3	42.3	16.9	15.7	2.55	3.22	7.37	18.3	1970
1971	20.6	24.1	25.0	8.97	0	0	5.17	23.9	39.1	2.98	1.13	2.64	12.7	1971
1972	15.2	48.9	50.9	21.8	0	0	13.4	23.5	16.1	9.23	5.58	19.7	18.6	1972
1973	36.4	39.1	32.1	0	2.28	35.8	15.6	11.0	17.0	16.6	16.8	20.8	20.2	1973
1974	13.3	27.2	42.6	3.79	3.66	34.0	17.8	10.9	17.5	9.60	16.8	22.4	18.2	1974
1975	29.9	38.9	38.1	22.7	0	1.65	11.7	10.4	7.74	4.35	3.63	16.2	15.4	1975
1976	20.5	22.8	36.0	1.12	23.3	14.1	10.2	16.9	8.35	9.29	7.61	18.2	16.7	1976
1977	23.2	27.3	16.9	0.384	8.85	10.8	14.9	14.0	12.8	10.1	14.4	25.9	14.9	1977
1978	42.8	42.3	27.5	17.4	0	0	1.16	6.58	7.54	8.40	16.7	16.3	15.5	1978
1979	20.0	35.7	28.1	10.1	58.1	24.5	17.4	12.5	16.6	16.5	18.4	35.2	24.3	1979
1980	37.2	32.9	14.0	3.62	5.59	11.0	18.8	13.9	13.9	9.00	17.4	26.1	18.8	1980
1981	24.2	28.8	36.8	1.80	18.4	22.5	15.1	15.5	13.8	5.23	5.33	20.8	17.0	1981
1982	28.5	34.9	16.0	3.50	0	0	0	1.04	5.51	13.0	20.2	32.9	12.8	1982
1983	37.0	37.9	0	0	15.7	39.7	2.60	4.69	8.64	13.9	12.8	29.7	16.5	1983
1984	50.3	39.8	7.90	0	0	23.9	20.7	14.6	10.0	10.7	14.6	17.1	17.4	1984
MEAN	29.5	37.4	32.9 R	8.87	10.4	17.7	15.8	13.7	17.0	15.8	15.5	18.8	19.4	MEAN

LOCATION - LAT 47 27 36 N, LONG 79 59 43 W DRAINAGE AREA, 1 370 km^2, REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO R - REVISED SINCE JAN 1980

LADY EVELYN RIVER AT LADY EVELYN LAKE - STATION NO. 02JD011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1946	---	---	---	---	1946
1947	---	117 ON JUN 18	0 ON APR 9 *	818 000R	1947
1948	---	33.1 ON NOV 2	0 ON APR 3	326 000	1948
1949	---	80.4 ON JUN 23	0 ON JAN 1	785 000	1949
1950	---	38.5 ON JUN 16	0 ON APR 21	433 000	1950
1951	---	67.4 ON OCT 9	0 ON APR 13	889 000	1951
1952	---	54.9 ON SEP 9	0 ON APR 23	645 000	1952
1953	---	64.0 ON APR 7	0 ON MAY 1	687 000	1953
1954	---	89.2 ON OCT 19	0 ON APR 15	853 000	1954
1955	---	76.5 ON MAR 5	0 ON APR 19	580 000	1955
1956	---	59.5 ON JAN 20	0 ON APR 13	703 000	1956
1957	---	115 ON JUL 6	0 ON APR 23	754 000	1957
1958	---	89.4 ON MAR 11	0 ON APR 4	522 000	1958
1959	---	51.3 ON FEB 6	0 ON APR 18	594 000	1959
1960	---	151 ON MAY 15 *	0 ON APR 21	927 000	1960
1961	---	59.5 ON MAR 11	0 ON APR 19	587 000	1961
1962	---	56.0 ON MAR 16	0 ON APR 5	598 000	1962
1963	---	30.8 ON MAR 1	0 ON MAR 30	353 000	1963
1964	---	59.7 ON MAR 12	0 ON APR 17	522 000	1964
1965	---	84.1 ON SEP 24	0 ON APR 18	510 000	1965
1966	---	95.1 ON DEC 8	0 ON APR 23	1 000 000	1966
1967	---	121 ON JUN 21	0 ON APR 28	983 000	1967
1968	---	44.2 ON SEP 5	0 ON MAR 29	574 000	1968
1969	---	64.8 ON JUL 30	0 ON APR 12	649 000	1969
1970	---	53.8 ON JUN 26	0 ON APR 17	578 000	1970
1971	---	70.2 ON AUG 28	0 ON APR 21	400 000	1971
1972	---	87.7 ON MAR 3	0 ON APR 28	585 000	1972
1973	---	80.0 ON JUN 20	0 ON MAR 31	636 000	1973
1974	---	58.3 ON MAR 2	0 ON APR 5	576 000	1974
1975	---	56.6 ON MAR 19	0 ON APR 19	485 000	1975
1976	---	88.0 ON MAY 22	0 ON APR 3	498 000	1976
1977	---	34.0 ON DEC 31	0 ON MAR 19	470 000	1977
1978	---	50.7 ON JAN 12	0 ON APR 28	488 000	1978
1979	---	88.6 ON MAY 1	0 ON APR 12	787 000	1979
1980	---	40.8 ON JAN 11	0 ON APR 11	530 000	1980
1981	---	44.5 ON MAR 21	0 ON APR 3	537 000	1981
1982	---	44.2 ON MAR 3	0 ON APR 14	405 000	1982
1983	---	118 ON JUN 1	0 ON MAR 1	522 000	1983
1984	---	56.6 ON JAN 7	0 ON MAR 29	550 000	1984
				813 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

LAKE 114 OUTLET NEAR KENORA - STATION NO. 05PD014

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	0.020	0.005	0.002	0.007	0.001	0.001	0.016	---	---	0.008	1971
1972	---	---	---	0.008	0.006	0.004	0.006	0.010	0.006	0.005	---	---	0.007	1972
1973	---	---	---	0.011	0.004	0.002	0.005	0.005	0.011	0.010	---	---	0.007	1973
1975	---	---	---	0.017	0.009	0.011	0.003	0	0.001	0.001	---	---	0.006	1975
1976	---	---	---	0.017	0.001	0	0	0	0	0	---	---	0.003	1976
1977	---	---	---	0	0.007	0.013	0	0.001	0.007	0.003	---	---	0.004	1977
1978	---	---	---	0.020	0.013	0.007	0.001	0.002	0.004	0.002	---	---	0.007	1978
1979	---	---	---	0.020	0.011	0.002	0	0	0	0	---	---	0.005	1979
1980	---	---	---	0.013	0	0	0	0	0	0	---	---	0.002	1980
1981	---	---	---	0.002	0.001	0	0	0	0	0.008	---	---	0.002	1981
1982	---	---	---	0.018	0.008	0.003	0.008	0	0	0.008	---	---	0.006	1982
1983	---	---	---	0.010	0.003	0.004	0.001	0	0	0	---	---	0.003	1983
1984	---	---	---	0.007	0	0.001	0	0	0	0.003	---	---	0.002	1984
MEAN	---	---	---	0.013	0.005	0.004	0.002	0.001	0.002	0.004	---	---	0.005	MEAN

LOCATION - LAT 49 40 14 N
LONG 93 45 30 W
DRAINAGE AREA, .58 km^2
NATURAL FLOW

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 114 OUTLET NEAR KENORA - STATION NO. 05PD014

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	0.085 AT 14:26 CST ON APR 19	0.071 ON APR 17	0E ON APR 1 *	139	1971
1972	0.088 AT 10:50 CST ON AUG 21	0.057 ON AUG 22	0E ON APR 1	122	1972
1973	0.040 AT 22:32 CST ON APR 21	0.037 ON APR 21	0E ON APR 1	128	1973
1975	0.082 AT 03:13 CST ON JUN 23	0.057 ON JUN 23	0E ON APR 1	108	1975
1976	0.136 AT 18:34 CST ON APR 18 *	0.045 ON APR 17	0 ON MAY 11	47.4	1976
1977	---	0.040E ON JUN 18	0E ON APR 1	80.3	1977
1978	0.088 AT 01:33 CST ON APR 27	0.065 ON APR 27	0 ON AUG 12	129	1978
1979	---	0.064E ON APR 21	0 ON APR 1	88.2	1979
1980	0.058 AT 12:20 CST ON APR 23	0.031 ON APR 10	0 ON APR 1	35.8	1980
1981	0.023 AT 16:59 CST ON OCT 2	0.023 ON OCT 5	0 ON APR 1	29.8	1981
1982	0.109 AT 00:00 CST ON APR 17	0.090 ON APR 17 *	0 ON JUN 28	110	1982
1983	0.026 AT 08:29 CST ON JUN 16	0.024 ON JUN 16	0 ON JUN 1	48.3	1983
1984	0.020 AT 16:33 CST ON APR 9	0.019 ON APR 7	0 ON APR 1	29.0	1984
				84.3	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

LAKE 120 OUTLET NEAR KENORA - STATION NO. 05PD016

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	0.010	0.006	0.004	0.006	0.007	0.013	0.012	---	---	0.008	1973
MEAN	---	---	---	0.010	0.006	0.004	0.006	0.007	0.013	0.012	---	---	0.008	MEAN

LOCATION - LAT 49 39 25 N, LONG 93 50 20 W. DRAINAGE AREA, 70 km². NATURAL FLOW

LAKE 120 OUTLET NEAR KENORA - STATION NO. 05PD016

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	0.057 AT 19:35 CST ON OCT 12 *	0.051 ON SEP 5 *	0 ON JUN 3 *	155	1973
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		155	MEAN

LAKE 223 OUTLET NEAR KENORA - STATION NO. 05QD017

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	0.003	0.001	---	---	---	1975
1976	---	---	---	0.048	0.016	0.005	0.010	0.003	0.001	0	---	---	0.012	1976
1977	---	---	---	0.003	0.012	0.047	0.028	0.007	0.006	0.004	---	---	0.015	1977
1978	---	---	---	0.040	0.081	0.038	0.023	0.011	0.006	0.004	---	---	0.029	1978
1979	---	---	---	0.037	0.084	0.021	0.010	0.005	0.002	0.001	---	---	0.020	1979
1980	---	---	---	0.014	0.011	0.004	0.002	0.002	0.001	0.001	---	---	0.005	1980
1981	---	---	---	0.002	0.004	0.015	0.027	0.008	0.002	0.003	---	---	0.009	1981
1982	---	---	---	0.031	0.046	0.022	0.042	0.013	0.003	0.013	---	---	0.024	1982
1983	---	---	---	0.012	0.020	0.024	0.011	0.002	0	0	---	---	0.010	1983
1984	---	---	---	0.004	0.012	0.021	0.008	0	0	0.002	---	---	0.007	1984
MEAN	---	---	---	0.021	0.030	0.022	0.018	0.006	0.002	0.003	---	---	0.015	MEAN

LOCATION - LAT 49 41 58 N, LONG 93 42 50 W. DRAINAGE AREA, 2.60 km². NATURAL FLOW. DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 223 OUTLET NEAR KENORA - STATION NO. 05QD017

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	0.122 AT 20:05 CST ON APR 17	0.119 ON APR 17	0 ON OCT 1 *	221	1976
1977	0.150 AT 04:02 CST ON JUN 19	0.144 ON JUN 19	0 ON APR 1	282	1977
1978	0.198 AT 23:32 CST ON APR 28 *	0.190 ON APR 29 *	0.002E ON OCT 29	535	1978
1979	0.155 AT 23:07 CST ON APR 25	0.149 ON APR 26	0.001 ON SEP 10	369	1979
1980	0.035 AT 16:35 CST ON APR 25	0.034 ON APR 25	0.001 ON AUG 29	95.2	1980
1981	0.110 AT 13:10 CST ON JUL 3	0.105 ON JUL 3	0.001 ON APR 11	168	1981
1982	0.124 AT 21:36 CST ON MAY 20	0.108 ON MAY 21	0.001 ON SEP 20	449	1982
1983	---	0.045E ON JUN 16	0 ON AUG 28	181	1983
1984	0.032 AT 15:21 CST ON JUN 23	0.029 ON JUN 23	0 ON JUL 27	124	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		269	MEAN

E - ESTIMATED

LAKE 224 OUTLET NEAR KENORA - STATION NO. 05QD018

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	0.002	0.002	---	---	---	1975
1976	---	---	---	0.007	0.002	0	0	0	0	0	---	---	0.001	1976
1977	---	---	---	0.001	0.005	0.005	0.007	0.002	0.004	0.002	---	---	0.004	1977
1978	---	---	---	0.015	0.028	0.013	0.008	0.007	0.005	0.002	---	---	0.011	1978
1979	---	---	---	0.007	0.020	0.008	0.007	0.002	0.001	0.001	---	---	0.008	1979
1980	---	---	---	0.004	0.003	0	0	0	0	0	---	---	0.001	1980
1981	---	---	---	0	0	0	0.001	0	0	0	---	---	0	1981
1982	---	---	---	0.005	0.006	0.007	0.014	0.008	0.001	0.005	---	---	0.007	1982
1983	---	---	---	0.005	0.005	0.005	0.006	0.001	0	0	---	---	0.003	1983
1984	---	---	---	0	0	0.001	0	0	0	0	---	---	0	1984
MEAN	---	---	---	0.005	0.007	0.004	0.005	0.002	0.001	0.001	---	---	0.004	MEAN

LOCATION - LAT 49 41 25 N, LONG 93 44 15 W. DRAINAGE AREA, .97 km². NATURAL FLOW. DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 224 OUTLET NEAR KENORA - STATION NO. 05QD018

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	0.015 AT 14:14 CST ON APR 16	0.015 ON APR 20	0 ON MAY 20 *	25.8	1976
1977	0.037 AT 21:20 CST ON MAY 19 *	0.017 ON MAY 22	0 ON APR 1	88.2	1977
1978	---	0.074E ON APR 28 *	0E ON APR 1	201	1978
1979	0.027 AT 00:41 CST ON MAY 11	0.027 ON MAY 2	0 ON APR 1	118	1979
1980	0.008 AT 17:29 CST ON APR 21	0.008 ON APR 21	0 ON APR 1	18.7	1980
1981	0.006 AT 22:55 CST ON JUL 2	0.003 ON JUL 3	0 ON APR 1	5.00	1981
1982	0.023 AT 01:33 CST ON JUL 3	0.017 ON JUL 15	0 ON SEP 21	123	1982
1983	0.011 AT 02:28 CST ON JUL 4	0.011 ON JUL 4	0E ON AUG 15	56.3	1983
1984	0.003 AT 01:40 CST ON JUN 27	0.003 ON JUN 22	0E ON APR 1	4.93	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		89.0	MEAN

E - ESTIMATED

LAKE 225 OUTLET NEAR KENORA - STATION NO. 05QD019

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	---	---	---	---	---	0	0.001	---	---	---	1975
1976	---	---	---	0.006	0.002	0	0	0	0	0	---	---	0.001	1976
1977	---	---	---	0	0	0.004	0.002	0.001	0	0	---	---	0.001	1977
1978	---	---	---	0.005	0.008	0.003	0.001	0	0.001	0.001	---	---	0.003	1978
1979	---	---	---	0.007	0.006	0.001	0	0	0	---	---	---	0.002	1979
1980	---	---	---	0.002	0.001	0	0	0	0	0	---	---	0	1980
1981	---	---	---	0	0	0.001	0.003	0	0	0.002	---	---	0.001	1981
1982	---	---	---	0.004	0.004	0.001	0.005	0	0	0.003	---	---	0.002	1982
1983	---	---	---	0.001	0.001	0.002	0.001	0	0	0	---	---	0.001	1983
1984	---	---	---	0	0.001	0.001	0	0	0	0	---	---	0	1984
MEAN	---	---	---	0.003	0.003	0.001	0.001	0	0	0.001	---	---	0.001	MEAN

LOCATION - LAT 49 41 15 N, LONG 93 44 25 W
DRAINAGE AREA, .30 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 225 OUTLET NEAR KENORA - STATION NO. 05QD019

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	---	---	---	---	1975
1976	0.011 AT 11:51 CST ON APR 17	0.010 ON APR 18	0E ON APR 1 *	20.8	1976
1977	0.010 AT 00:42 CST ON JUN 21	0.010 ON JUN 20	0 ON APR 1	20.0	1977
1978	0.028 AT 01:37 CST ON APR 29	0.028 ON APR 29	0 ON APR 1	46.6	1978
1979	0.032 AT 18:41 CST ON APR 25 *	0.030 ON APR 25 *	0 ON APR 1	34.4	1979
1980	0.007 AT 09:26 CST ON APR 22	0.007 ON APR 22	0 ON APR 1	7.69	1980
1981	0.011 AT 01:27 CST ON JUL 5	0.010 ON JUL 4	0 ON APR 1	15.2	1981
1982	0.016 AT 21:56 CST ON JUL 4	0.015 ON JUL 4	0 ON APR 1	45.1	1982
1983	0.012 AT 00:43 CST ON APR 21	0.007 ON JUN 17	0 ON APR 1	11.1	1983
1984	0.003 AT 03:17 CST ON JUN 13	0.003 ON APR 29	0E ON APR 1	7.44	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		23.1	MEAN

E - ESTIMATED

LAKE 226 OUTLET NEAR KENORA - STATION NO. 05QD015

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	0.015	0.012	0.004	0.010	0.018	0.008	0.005	---	---	0.010	1972
1973	---	---	---	0.017	0.008	0.004	0.010	0.012	0.019	0.016	---	---	0.012	1973
1975	---	---	---	0.026	0.018	0.017	0.005	0	0.005	0.003	---	---	0.011	1975
1976	---	---	---	0.033	0.005	0.002	0.001	0	0	0	---	---	0.006	1976
1977	---	---	---	0.007R	0.011	0.028	0.011	0.003	0.010	0.003	---	---	0.010R	1977
1978	---	---	---	0.024	0.023	0.013	0.004	0.002	0.001	0.001	---	---	0.010	1978
1979	---	---	---	0.026	0.022	0.007	0.001	0	0	0	---	---	0.008	1979
1980	---	---	---	0.017	0.005	0	0	0.004	0.004	0.005	---	---	0.005	1980
1981	---	---	---	0.005	0.003	0.004	0.002	0.004	0	0.018	---	---	0.005	1981
1982	---	---	---	0.015	0.017	0.003	0.022	0.003	0	0.023	---	---	0.012	1982
1983	---	---	---	0.013	0.011	0.010	0.003	0	0	0	---	---	0.005	1983
1984	---	---	---	0.018	0.008	0.010	0.001	0	0	0.011	---	---	0.007	1984
MEAN	---	---	---	0.018R	0.012	0.008	0.008	0.004	0.004	0.007	---	---	0.008	MEAN

LOCATION - LAT 49 41 15 N, LONG 93 44 20 W
DRAINAGE AREA, .97 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)
R - REVISED SINCE JAN 1980

LAKE 226 OUTLET NEAR KENORA - STATION NO. 05OD015

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	0.108 AT 05:45 CST ON AUG 21	0.099 ON AUG 21 *	0 ON JUN 17 *	186	1972
1973	---	0.074E ON APR 21	0.001 ON JUN 6	227	1973
1975	---	0.076 ON JUN 23	0 ON JUL 20	197	1975
1976	0.088 AT 07:36 CST ON APR 17	0.088 ON APR 17	0 ON MAY 28	108	1976
1977	0.076 AT 00:12 CST ON JUN 19	0.074 ON JUN 19	0 R ON APR 1	187 R	1977
1978	0.085 AT 00:37 CST ON APR 28	0.085 ON APR 28	0 ON OCT 21	178	1978
1979	0.089 AT 19:23 CST ON APR 25	0.085 ON APR 25	0 ON JUL 12	145	1979
1980	0.044 AT 18:12 CST ON APR 21	0.044 ON APR 21	0 ON JUN 6	95.0	1980
1981	0.140 AT 13:55 CST ON OCT 15 *	0.052 ON OCT 16	0 ON JUL 7	91.2	1981
1982	0.138 AT 12:17 CST ON MAY 5	0.065 ON JUL 21	0 ON MAY 29	219	1982
1983	0.029 AT 02:21 CST ON APR 27	0.028 ON APR 27	0 ON JUL 23	98.0	1983
1984	0.041 AT 06:53 CST ON OCT 22	0.040 ON OCT 21	0 E ON APR 1	126	1984
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980		155 R	MEAN

LAKE 227 OUTLET NEAR KENORA - STATION NO. 05OD008

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	0.002	0.003	0.001	0.001	---	1969
1970	0.002	0.002	0.001	0.014	0.015	0.002	0	0	0.006	0.008	0.006	0.001	0.007	1970
1971	---	---	---	0.012	0.008	0.003	0.007	0	0	0.010	---	---	0.006	1971
1972	---	---	---	0.008	0.007	0.001	0.004	0.007	0.003	0.002	---	---	0.005	1972
1973	---	---	---	0.007	0.004	0.002	0.004	0.004	0.005	0.006	---	---	0.005	1973
1975	---	---	---	0.014	0.007	0.004	0.001	0	0.001	0.001	---	---	0.004	1975
1976	---	---	---	0.014	0.001	0	0	0	0	0	---	---	0.002	1976
1977	---	---	---	0.002	0.008	0.011	0.002	0	0.004	0.001	---	---	0.004	1977
1978	---	---	---	0.011	0.015	0.006	0.001	0.001	0.002	0.001	---	---	0.005	1978
1979	---	---	---	0.010	0.008	0.003	0	0	0	0	---	---	0.003	1979
1980	---	---	---	0.008	0.002	0	0	0	0	0	---	---	0.001	1980
1981	---	---	---	0.003	0.001	0.006	0.004	0	0.001	0.005	---	---	0.003	1981
1982	---	---	---	0.008	0.007	0.003	0.006	0	0.001	0.007	---	---	0.005	1982
1983	---	---	---	0.007	0.004	0.003	0.001	0	0	0	---	---	0.002	1983
1984	---	---	---	0.002	0.004	0.003	0.001	0	0	0.001	---	---	0.001	1984
MEAN	0.002	0.002	0.001	0.008	0.006	0.003	0.002	0.001	0.002	0.003	0.004	0.001	0.004	MEAN

LOCATION - LAT 49 41 18 N, LONG 93 41 19 W DRAINAGE AREA, .34 km^2, NATURAL FLOW DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 227 OUTLET NEAR KENORA - STATION NO. 05OD008

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	0.147 AT 23:20 CST ON APR 28 *	0.130 ON APR 29 *	0 ON JUN 22 *	124	1970
1971	0.082 AT 01:42 CST ON JUL 1	0.082 ON JUL 1	0E ON APR 1	102	1971
1972	0.066 AT 03:21 CST ON AUG 21	0.057 ON AUG 21	0E ON APR 1	83.5	1972
1973	0.045 AT 13:26 CST ON APR 21	0.040 ON APR 21	0 ON APR 1	83.9	1973
1975	---	0.059E ON APR 23	0 ON JUL 12	77.0	1975
1976	0.078 AT 20:42 CST ON APR 16	0.059 ON APR 16	0 ON MAY 22	40.0	1976
1977	0.048 AT 08:45 CST ON JUN 18	0.045 ON JUN 18	0 ON APR 1	89.1	1977
1978	0.059 AT 02:16 CST ON APR 28	0.054 ON APR 28	0E ON APR 1	98.2	1978
1979	0.083 AT 08:41 CST ON APR 25	0.058 ON APR 25	0 ON APR 1	55.2	1979
1980	0.043 AT 14:15 CST ON APR 15	0.025 ON APR 20	0E ON APR 1	25.9	1980
1981	0.026 AT 20:13 CST ON JUL 3	0.022 ON JUL 3	0 ON MAY 18	54.9	1981
1982	0.037 AT 00:38 CST ON APR 25	0.037E ON JUL 4	0A ON APR 1	86.8	1982
1983	0.078 AT 19:28 CST ON APR 12	0.038 ON APR 12	0 ON APR 1	38.9	1983
1984	---	0.010 ON MAY 8	0E ON APR 1	26.8	1984
	A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		69.0	MEAN

LAKE 230 OUTLET NEAR KENORA - STATION NO. 05OD011

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	0	0.001	0.001	0.001	0	0.001	0.002	---	---	0.001	1971
1972	---	---	---	0.001	0.001	0	0.001	0.002R	0.001	0	---	---	0.001R	1972
1973	---	---	---	0.001	0.001	0	0.001	0.002	0.001	0.002	---	---	0.001	1973
1975	---	---	---	0.002	0.001	0.001	0	0	0	0	---	---	0.001	1975
1976	---	---	---	0.003	0.001	0	0	0	0	0	---	---	0.001	1976
1977	---	---	---	0.002	0.002	0.003	0.001	0	0	0	---	---	0.001	1977
1978	---	---	---	0.003	0.003	0.003	0.001	0.001	0.001	0	---	---	0.002	1978
1979	---	---	---	0.002	0.001	0	0	0	0	0	---	---	0.001	1979
1980	---	---	---	0.001	0	0	0	0	0	0	---	---	0	1980
MEAN	---	---	---	0.002	0.001	0.001	0.001	0.001R	0	0	---	---	0.001	MEAN

LOCATION - LAT 49 38 30 N, LONG 93 38 00 W DRAINAGE AREA, .09 km^2, NATURAL FLOW R - REVISED SINCE JAN 1980

LAKE 230 OUTLET NEAR KENORA - STATION NO. 05OD011

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	0.005 AT 05:24 CST ON OCT 1	0.005 ON OCT 1	0E ON APR 1 *	13.0	1971
1972	---	0.015RE ON AUG 21 *	0E ON APR 1	15.5 R	1972
1973	0.007 AT 03:35 CST ON AUG 10	0.006 ON AUG 9	0E ON APR 1	20.1	1973
1975	0.008 AT 14:31 CST ON JUN 22	0.005 ON APR 18	0E ON APR 1	11.1	1975
1976	0.006 AT 00:00 CST ON APR 1	0.005 ON APR 1	0 ON MAY 23	8.25	1976
1977	0.011 AT 08:40 CST ON JUN 18	0.010 ON JUN 18	0 ON JUL 22	23.6	1977
1978	0.011 AT 18:51 CST ON MAY 26	0.009 ON MAY 27	0E ON APR 2	30.6	1978
1979	0.012 AT 18:01 CST ON APR 19 *	0.010 ON APR 19	0 ON APR 1	9.68	1979
1980	0.003 AT 04:13 CST ON APR 7	0.003 ON APR 7	0 ON MAY 6	5.36	1980
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		15.4 R	MEAN
	E - ESTIMATED	R - REVISED SINCE JAN 1980			

LAKE 239 OUTLET NEAR KENORA - STATION NO. 05PD023

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.016	0.018	0.025	0.043	0.174	0.068	0.019	0.002	0.053	0.044	0.071	0.030	0.047	1970
1971	0.013	0.010	0.014	0.071	0.060	0.046	0.054	0.018	0.023	0.077	0.065	0.028	0.040	1971
1972	0.015	0.010	0.009	0.035	0.075	0.009	0.047	0.051	0.043	0.034	0.029	0.015	0.031	1972
1973	0.008	0.007	0.008	0.038	0.046	0.028	0.050	0.048	0.055	0.075	0.027	0.016	0.034	1973
1975	0.014	0.011	0.008	0.086	0.102	0.065	0.042	0.005	0.022	0.021	0.018	0.012	0.034	1975
1976	0.010	0.011	0.012	0.116	0.035	0.019	0.018	0.003	0	0	0	0	0.018	1976
1977	0	0	0	0.039	0.066	0.084	0.029	0.005	0.030	0.015	0.026	0.024	0.027	1977
1978	0.010	0.005	0.003	0.098	0.126	0.069	0.018	0.017	0.015	0.011	0.006	0.006	0.032	1978
1979	0.005	0.004	0.006	0.096	0.110	0.038	0.004	0	0	0	0.006	0.009	0.023	1979
1980	0.007	0.005	0.005	0.044	0.027	0.002	0.007	0.023	0.020	0.019	0.019	0.010	0.018	1980
1981	0.004	0.003	0.003	0.021	0.008	0.031	0.056	0.006	0.022	0.055	0.023	0.014	0.021	1981
1982	0.008	0.005	0.005	0.098	0.066	0.031	0.053	0.007	0.004	0.078	0.018	0.010	0.032	1982
1983	0.007	0.004	0.007	0.060	0.044	0.026	0.012	0	0	0	0	0	0.013	1983
1984	0	0	0	0.056	0.029	0.023	0.006	0	0	0	0.007	0.021	0.017	0.013	1984
MEAN	0.008	0.007	0.007	0.064	0.069	0.038	0.030	0.013	0.021	0.031	0.023	0.014	0.027	MEAN

LOCATION - LAT 49 39 24 N, LONG 93 43 32 W
DRAINAGE AREA, 3.90 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 239 OUTLET NEAR KENORA - STATION NO. 05PD023

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	0.340 AT 05:30 CST ON MAY 1	0.323 ON MAY 1	0 ON AUG 12 *	1 470	1970
1971	0.198 AT 21:57 CST ON APR 20	0.190 ON APR 21	0.008 ON FEB 10	1 280	1971
1972	0.144 AT 12:30 CST ON APR 30	0.133 ON APR 30	0 ON MAY 31	583	1972
1973	---	0.122 ON OCT 14	0.004 ON FEB 26	1 050	1973
1975	---	0.244 ON APR 26	0.001 ON AUG 14	1 080	1975
1976	0.268 AT 15:26 CST ON APR 17	0.263 ON APR 17	0 ON AUG 6	583	1976
1977	0.164 AT 06:16 CST ON JUN 20	0.161 ON JUN 20	0 ON JAN 1	837	1977
1978	0.365 AT 07:45 CST ON APR 28 *	0.362 ON APR 28 *	0.002 ON MAR 3	1 010	1978
1979	0.344 AT 18:53 CST ON APR 25	0.329 ON APR 25	0 ON JUL 27	736	1979
1980	0.099 AT 03:23 CST ON APR 23	0.097 ON APR 22	0 ON JUN 22	491	1980
1981	0.185 AT 01:19 CST ON JUL 4	0.162 ON JUL 4	0 ON AUG 27	651	1981
1982	0.255 AT 16:22 CST ON APR 17	0.250 ON APR 17	0 ON SEP 15	1 010	1982
1983	0.099 AT 01:18 CST ON APR 14	0.098 ON APR 14	0 ON AUG 9	419	1983
1984	0.097 AT 02:03 CST ON APR 12	0.096 ON APR 12	0 ON JAN 1	419	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		856	MEAN

LAKE 239, LOWER EAST INLET, NEAR KENORA - STATION NO. 05PD024

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	0.047	0.023	0.046	0.017	0.017	0.031	0.025	---	---	0.025	1975
1976	---	---	---	0.098	0.007	0.018	0.002	0.005	0.001	0.003	---	---	0.019	1976
1977	---	---	---	0.057	0.031	0.035	0.009	0.007	0.027	0.009	---	---	0.026	1977
1978	---	---	---	0.094	0.036	0.018	0.006	0.012	0.013	0.007	---	---	0.027	1978
1979	---	---	---	0.041	0.032	0.014	0.001	0	0.001	0.008	---	---	0.013	1979
1980	---	---	---	0.043R	0.007	0.003	0.012	0.013	0.012	0.013	---	---	0.015R	1980
1981	---	---	---	0.014	0.004	0.023	0.013	0.002	0.017	0.023	---	---	0.014	1981
1982	---	---	---	0.084	0.019	0.010	0.021	0.001	0.014	0.030	---	---	0.026	1982
1983	---	---	---	0.050	0.015	0.013	0.004	0	0	0.003	---	---	0.012	1983
1984	---	---	---	0.043	0.009	0.013	0.001	0	0	0.025	---	---	0.013	1984
MEAN	---	---	---	0.057R	0.019	0.019	0.009	0.006	0.012	0.014	---	---	0.019	MEAN

LOCATION - LAT 49 39 40 N, LONG 93 42 47 W
DRAINAGE AREA, 1.70 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)
R - REVISED SINCE JAN 1980

LAKE 239, LOWER EAST INLET, NEAR KENORA - STATION NO. OSPD024

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	0.445 AT 14:53 CST ON JUN 22 *	0.244 ON JUN 22	0.003E ON APR 3	539	1975
1976	---	0.311E ON APR 5	0 ON JUL 19 *	342	1976
1977	0.296 AT 18:58 CST ON APR 10	0.232 ON APR 10	0.001 ON JUL 26	458	1977
1978	0.413 AT 19:34 CST ON APR 24	0.303 ON APR 24	0.002 ON JUL 3	499	1978
1979	---	0.263 ON APR 25	0 B ON APR 1	248	1979
1980	0.192R AT 20:00 CST ON APR 18	0.152R ON APR 18	0 ON JUN 16	272R	1980
1981	0.408 AT 00:00 CST ON SEP 7	0.172 ON JUL 3	0 ON JUL 30	255	1981
1982	---	0.531B ON APR 15 *	0 ON JUN 27	471	1982
1983	---	0.148 ON APR 11	0 ON JUL 12	221	1983
1984	0.270 AT 19:49 CST ON OCT 19	0.172 ON APR 6	0 ON JUL 7	239	1984
				354R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

LAKE 239, UPPER EAST INLET, NEAR KENORA - STATION NO. OSPD025

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1975	---	---	---	0.020	0.012	0.013	0.004	0.005	0.009	0.007	---	---	0.010	1975
1976	---	---	---	0.025	0.006	0.010	0.002	0.004	0.002	0.002	---	---	0.007	1976
1977	---	---	---	0.017	0.014	0.018	0.005	0.003	0.011	0.004	---	---	0.010	1977
1978	---	---	---	0.031	0.018	0.009	0.005	0.006	0.006	0.004	---	---	0.011	1978
1979	---	---	---	0.031	0.014	0.006	0.001	0	0.001	0.003	---	---	0.008	1979
1980	---	---	---	0.019	0.004	0.002	0.005	0.005	0.005	0.005	---	---	0.006	1980
1981	---	---	---	0.006	0.002	0.011	0.006	0.001	0.007	0.009	---	---	0.006	1981
1982	---	---	---	0.020	0.010	0.006	0.009	0.001	0.006	0.013	---	---	0.009	1982
1983	---	---	---	0.017	0.007	0.006	0.002	0	0	0.002	---	---	0.005	1983
1984	---	---	---	0.012	0.004	0.005	0	0	0	0.006	---	---	0.004	1984
MEAN	---	---	---	0.020	0.008	0.008	0.004	0.003	0.005	0.006	---	---	0.008	MEAN

LOCATION - LAT 49 39 45 N DRAINAGE AREA, 91 km^2
LONG 93 42 30 W NATURAL FLOW

LAKE 239, UPPER EAST INLET, NEAR KENORA - STATION NO. OSPD025

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1975	0.142 AT 12:57 CST ON JUN 22	0.076 ON JUN 22	0.001 ON JUL 16	182	1975
1976	0.113 AT 15:00 CST ON APR 16	0.078 ON APR 16	0 ON AUG 3 *	133	1976
1977	0.093 AT 15:35 CST ON SEP 9	0.059 ON APR 11	0.001 ON JUL 22	186	1977
1978	0.187 AT 17:09 CST ON APR 26	0.119 ON APR 26	0.001 ON AUG 12	209	1978
1979	---	0.138E ON APR 25 *	0 ON JUL 20	147	1979
1980	0.059 AT 22:24 CST ON APR 18	0.045 ON APR 18	0 ON JUN 11	116	1980
1981	0.222 AT 21:51 CST ON SEP 6 *	0.070 ON JUL 3	0 ON JUL 13	111	1981
1982	0.192 AT 03:02 CST ON JUL 3	0.109 ON APR 16	0 ON JUN 28	170	1982
1983	0.061 AT 18:37 CST ON APR 11	0.043 ON JUN 14	0 ON JUL 10	87.2	1983
1984	0.048 AT 08:52 CST ON OCT 17	0.035 ON OCT 17	0 ON JUN 2	71.8	1984
				141	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE 240 OUTLET NEAR KENORA - STATION NO. OSPD015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	0.150	0.118	0.072	0.170	0.089	0.136	0.043	0.029	---	1969
1970	0.018	0.015	0.022	0.074	0.355	0.135	0.040	0.002	0.100	0.101	0.128	0.051	0.087	1970
1971	0.024	0.015	0.014	0.180	0.125	0.098	0.124	0.033	0.038	0.188	0.136	0.052	0.082	1971
1972	0.028	0.019	0.018	0.061	0.186	0.034	0.085	0.098	0.061	0.082	0.051	0.032	0.062	1972
1973	0.021	0.010	0.014	0.100	0.107	0.059	0.081	0.103	0.123	0.154	0.082	0.041	0.073	1973
1975	0.033	0.028	0.020	0.181	0.218	0.137	0.095	0.009	0.031	0.043	0.044	0.034	0.071	1975
1976	0.024	0.022	0.022	0.243	0.104	0.032	0.035	0.001	0	0	0	0	0.040	1976
1977	0	0	0.015	0.070	0.128	0.207	0.078	0.018	0.085	0.046	0.078	0.071	0.065	1977
1978	0.034	0.018	0.012R	0.205R	0.288	0.180	0.048	0.039	0.039	0.030	0.015	0.022	0.078R	1978
1979	0.019	0.019	0.026	0.196	0.250	0.092	0.015	0	0	0	0.005	0.020	0.053	1979
1980	0.023	0.018	0.014	0.088	0.070	0.007	0.008	0.056	0.084	0.051	0.058	0.032	0.042	1980
1981	0.017	0.013	0.009	0.060	0.031	0.082	0.187	0.030	0.055	0.188	0.080	0.060	0.062	1981
1982	0.032	0.022	0.020	0.240	0.178	0.088	0.183	0.032	0.008	0.200	0.088	0.043	0.093	1982
1983	0.029	0.020	0.024	0.153	0.122	0.084	0.045	0.003	0	0	0	0	0.040	1983
1984	0	0	0	0.144	0.078	0.064	0.024	0.001	0	0.013	0.065	0.060	0.037	1984
MEAN	0.022	0.016	0.018R	0.140N	0.158	0.093	0.072	0.040	0.045	0.078	0.066	0.038	0.063	MEAN

LOCATION - LAT 49 38 59 N DRAINAGE AREA, 7.25 km^2
LONG 93 43 36 W NATURAL FLOW

DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

R - REVISED SINCE JAN 1980

LAKE 240 OUTLET NEAR KENORA - STATION NO OSPD015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	0.623A ON MAY 1	0 ON AUG 18 *	2 750	1970
1971	0.467 AT 19:21 CST ON APR 20	0.456 ON APR 20	0.010 ON SEP 26	2 600	1971
1972	0.306 AT 01:23 CST ON MAY 2	0.294 ON MAY 1	0.008 ON JUL 6	1 950	1972
1973	0.278 AT 11:24 CST ON APR 24	0.275 ON APR 24	0.002 ON FEB 21	2 310	1973
1975	0.544 AT 12:58 CST ON APR 28	0.513 ON APR 27	0.001 ON AUG 19	2 250	1975
1976	0.529 AT 17:10 CST ON APR 17	0.520 ON APR 17	0 ON AUG 3	1 270	1976
1977	0.425 AT 20:57 CST ON JUN 19	0.408 ON JUN 20	0 ON JAN 1	2 050	1977
1978	0.638 AT 05:54 CST ON APR 28 *	0.630 ON APR 28 *	0.010 ON MAR 27	3 400R	1978
1979	0.761 AT 22:54 CST ON APR 25	0.743 ON APR 26	0 ON JUL 28	1 890	1979
1980	0.245 AT 13:47 CST ON APR 23	0.242 ON APR 23	0 ON JUN 21	1 340	1980
1981	0.440 AT 15:28 CST ON JUL 4	0.434 ON JUL 4	0 ON SEP 5	1 960	1981
1982	0.642 AT 17:11 CST ON APR 18	0.633 ON APR 18	0 ON SEP 21	2 820	1982
1983	0.239 AT 21:53 CST ON APR 15	0.236 ON APR 15	0 ON AUG 12	1 260	1983
1984	---	0.263A ON APR 13	0 ON JAN 1	1 180	1984
				2 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

LAKE 261 OUTLET NEAR KENORA - STATION NO OSOD012

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	0.012	0.007	0.003	0.004	0.001	0.001	0.011	---	---	0.005	1971
1972	---	---	---	0.012	0.007	0.003	0.005	0.011	0.004	0.003	---	---	0.006	1972
1973	---	---	---	0.018	0.004	0	0.012	0.005	0.011	0.013	---	---	0.009	1973
1975	---	---	---	0.021	0.018	0.010	0.004	0	0.002	0.001	---	---	0.008	1975
1976	---	---	---	0.031	0.002	0	0	0	0	0	---	---	0.005	1976
1977	---	---	---	0.004	0.006	0.010	0.003	0.001	0.007	0.001	---	---	0.005	1977
1978	---	---	---	0.014	0.016	0.008	0.001	0	0.002	0.001	---	---	0.006	1978
1979	---	---	---	0.023	0.011	0.003	0	0	0	0	---	---	0.005	1979
1980	---	---	---	0.008	0	0	0	0	0	0.002	---	---	0.001	1980
MEAN	---	---	---	0.016	0.008	0.004	0.003	0.002	0.003	0.004	---	---	0.006	MEAN

LOCATION - LAT 49 42 30 N, LONG 93 42 00 W
DRAINAGE AREA, 48 km^2
NATURAL FLOW

LAKE 261 OUTLET NEAR KENORA - STATION NO OSOD012

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	0.048R AT 22:40 CST ON APR 18	0.040E ON APR 18	0E ON APR 1 *	101	1971
1972	0.091 AT 08:28 CST ON AUG 21	0.082 ON AUG 21	0 ON APR 1	118	1972
1973	0.096 AT 10:42 CST ON JUL 27 *	0.085 ON JUL 27	0 ON MAY 19	188	1973
1975	0.091 AT 17:34 CST ON APR 28	0.078 ON APR 28	0 ON JUL 29	148	1975
1976	0.076 AT 03:30 CST ON APR 17	0.074 ON APR 17	0 ON APR 1	84.7	1976
1977	0.034 AT 00:59 CST ON JUN 19	0.031 ON JUN 19	0E ON APR 1	84.9	1977
1978	---	0.045E ON APR 28	0E ON APR 1	112	1978
1979	---	0.085E ON APR 20 *	0 ON APR 1	98.4	1979
1980	0.023 AT 12:00 CST ON APR 21	0.023 ON APR 21	0 ON MAY 9	28.3	1980
				105	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

LAKE 265 OUTLET NEAR KENORA - STATION NO OSOD013

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	0.017	0.014	0.007	0.006	0.002	0.001	0.008	---	---	0.008	1971
1972	---	---	---	0.008	0.016	0.008	0.007	0.012	0.008	0.005	---	---	0.009	1972
1973	---	---	---	0.008	0.010	0.005	0.009	0.018	0.010	0.017	---	---	0.011	1973
1975	---	---	---	0.026	0.026	0.019	0.005	0	0.006	0.006	---	---	0.013	1975
1976	---	---	---	0.025	0.001	0.001	0.001	0.001	0.001	0	---	---	0.004	1976
1977	---	---	---	0.001	0.002	0.003	0.002	0.001	0.006	0.003	---	---	0.002	1977
1978	---	---	---	0.029	0.028	0.014	0.003	0.001	0.002	0.002	---	---	0.011	1978
1979	---	---	---	0.029	0.017	0.006	0.001	0.001	0.001	0.002	---	---	0.008	1979
1980	---	---	---	0.018	0.001	0	0	0.001	0.002	0.004	---	---	0.004	1980
MEAN	---	---	---	0.018	0.013	0.007	0.004	0.004	0.004	0.005	---	---	0.005	MEAN

LOCATION - LAT 49 43 15 N, LONG 93 38 00 W
DRAINAGE AREA, .71 km^2
NATURAL FLOW

LAKE 265 OUTLET NEAR KENORA - STATION NO 05OD013

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	0 054E ON APR 18	0E ON APR 1 *	146	1971
1972	0 057 AT 12 46 CST ON AUG 21	0 054 ON AUG 21	0E ON APR 1	169	1972
1973	---	0 042 ON JUL 28	0E ON APR 1	202	1973
1975	0 085 AT 18 27 CST ON APR 28	0 082 ON APR 24	0 ON JUL 29	234	1975
1976	0 127 AT 21 45 CST ON APR 18	0 110 ON APR 17	0 ON MAY 4	76 1	1976
1977	0 078 AT 05 28 CST ON SEP 10	0 034 ON SEP 10	0 ON APR 28	44 5	1977
1978	0 195 AT 14 19 CST ON MAY 26 *	0 122 ON MAY 26	0 ON AUG 4	204	1978
1979	0 151 AT 08 24 CST ON APR 25	0 128 ON APR 25 *	0 ON AUG 3	146	1979
1980	0 041 AT 17 00 CST ON APR 21	0 040 ON APR 21	0 ON MAY 29	46 3	1980
				143	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE 302 OUTLET NEAR KENORA - STATION NO 05OD023

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	0 016	0 018	0 011	0 017	0 002	0	0 011	---	---	---	1982
1983	---	---	---	0 009	0 011	0 007	0 006	0 002	0	0	---	---	---	1983
1984	---	---	---	0 011	0 008	0 009	0 004	0	0	0 004	---	---	---	1984
MEAN	---	---	---	0 012	0 012	0 009	0 009	0 001	0	0 005	---	---	---	MEAN

LOCATION - LAT 49 40 11 N
LONG 93 45 26 W

DRAINAGE AREA 1 00 km^2
NATURAL FLOW

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 302 OUTLET NEAR KENORA - STATION NO 05OD023

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	0 040 AT 20 29 CST ON JUL 5 *	0 039 ON JUL 5 *	---	---	1982
1983	0 015 AT 11 58 CST ON JUN 23	0 015 ON APR 29	0 ON AUG 31 *	---	1983
1984	---	---	---	---	1984
				---	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE 303 OUTLET NEAR KENORA - STATION NO 05PD019

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0	0	0	0 008	0 018	0 016	0 007	0	0 016	0 028	0 057	0 002	0 014	1970
1971	---	---	---	0 022	0 010	0 006	0 010	0 001	0 003	0 022	---	---	0 011	1971
1972	---	---	---	0 011	0 007	0 002	0 007	0 009	0 005	0 004	---	---	0 008	1972
1973	---	---	---	0 012	0 004	0 002	0 006	0 007	0 012	0 009	---	---	0 007	1973
1975	---	---	---	0 021	0 010	0 011	0 002	0	0 002	0 002	---	---	0 007	1975
1976	---	---	---	0 022	0 002	0 002	0 001	0 001	0	0	---	---	0 004	1976
1977	---	---	0	0 003	0 006	0 018	0 003	0 001	0 005	0 002	---	---	0 005	1977
1978	---	---	---	0 025	0 013	0 007	0 001	0 002	0 003	0 002	---	---	0 008	1978
1979	---	---	---	0 022	0 012	0 004	0	0	0	0	---	---	0 005	1979
1980	---	---	---	0 013	0 001	0	0	0 005	0 006	0 006	---	---	0 004	1980
1981	---	---	---	0 005	0 001	0 009	0 009	0 001	0 008	0 013	---	---	0 006	1981
1982	---	---	---	0 024	0 007	0 004	0 011	0	0 001	0 014	---	---	0 009	1982
1983	---	---	---	0 014	0 006	0 006	0 002	0	0	0	---	---	0 004	1983
1984	---	---	---	0 013	0 003	0 005	0	0	0	0 007	---	---	0 004	1984
MEAN	0	0	0	0 015	0 007	0 006	0 004	0 002	0 004	0 008	0 057	0 002	0 007	MEAN

LOCATION - LAT 49 39 43 N
LONG 93 44 28 W

DRAINAGE AREA 54 km^2
NATURAL FLOW

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

REMARKS - HIGHER MAXIMUM DISCHARGES ARE KNOWN TO HAVE OCCURRED OUTSIDE THE STANDARD PERIOD IN 1970

LAKE 303 OUTLET NEAR KENORA - STATION NO. 05PD019

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	0.122 ON OCT 31	0 ON APR 1 *	252	1970
1971	---	0.076 ON APR 17	0E ON APR 1	197	1971
1972	0.082 AT 03:15 CST ON AUG 21	0.074 ON AUG 21	0 ON JUN 8	117	1972
1973	0.059 AT 12:30 CST ON APR 21	0.057 ON APR 21	0 ON JUN 2	137	1973
1975	0.091 AT 19:14 CST ON JUN 22	0.071 ON JUN 23	0 ON JUL 12	128	1975
1976	0.078 AT 23:58 CST ON APR 18	0.068 ON APR 19	0 ON MAY 26	72.5	1976
1977	0.074 AT 21:16 CST ON JUN 15	0.059 ON JUN 16	0 ON APR 1	94.3	1977
1978	0.071 AT 03:04 CST ON APR 27	0.071 ON APR 27	0 ON JUL 11	140	1978
1979	0.088 AT 12:50 CST ON APR 25	0.084 ON APR 20	0 ON JUL 10	98.6	1979
1980	0.041 AT 05:48 CST ON APR 20	0.039 ON APR 20	0 ON MAY 25	80.7	1980
1981	0.074 AT 09:28 CST ON JUL 3	0.064 ON JUL 3	0 ON MAY 13	119	1981
1982	0.201 AT 03:29 CST ON APR 16 *	0.186 ON APR 16 *	0 ON JUN 28	161	1982
1983	0.045 AT 01:36 CST ON APR 12	0.042 ON APR 12	0 ON JUL 20	69.6	1983
1984	0.040 AT 02:34 CST ON APR 6	0.038 ON APR 6	0 ON JUL 9	73.5	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		124	MEAN

E - ESTIMATED

LAKE 470 OUTLET NEAR KENORA - STATION NO. 05PD017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	0.008	0.009	0.011	0.038	0.017	0.038	0.009	0.007	---	1969
1970	0.007	0.009	0.009	0.058	0.073	0.017	0.004	0.001	0.027	0.025	0.025	0.007	0.022	1970
1971	0.004	0	0	0.070	0.015	0.021	0.032	0.009	0.010	0.050	0.029	0.007	0.021	1971
1972	0.003	0.002	0.001	0.042	0.025	0.008	0.026	0.035	0.021	0.014	0.013	0.002	0.016	1972
1973	0.002	0.002	0	0.054	0.018	0.012	0.020	0.023	0.045	0.034	0.010	0.007	0.019	1973
1975	0.004	0.004	0.004	0.088	0.024	0.039	0.009	0	0.007	0.009	0.010	0.008	0.017	1975
1976	0.003	0.002	0.003	0.070	0.006	0.011	0.001	0.001	0	0.002	0.002	0.018	0.010	1976
1977	0.002	0	0	0.011	0.015	0.083	0.015	0.002	0.022	0.008	0.029	0.012	0.015	1977
1978	0.004	0.001	0.001	0.098	0.055	0.026	0.005	0.010	0.010	0.006	0.003	0.008	0.019	1978
1979	0.008	0.008	0.007	0.085	0.051	0.014	0.001	0	0	0	0.007	0.005	0.015	1979
1980	0.003	0.002	0.001	0.048	0.007	0	0.004	0.020	0.019	0.021	0.012	0.005	0.012	1980
1981	0.002	0	0.004	0.024	0.005	0.025	0.039	0.006	0.025	0.044	0.015	0.008	0.016	1981
1982	0.004	0.002	0.002	0.086	0.030	0.021	0.047	0.002	0.003	0.056	0.010	0.005	0.023	1982
1983	0.003	0.002R	0.003	0.058	0.016	0.024	0.007	0	0	0	0.001	0.002R	0.010R	1983
1984	0.010	0.002	0.002	0.058	0.012	0.020	0.004	0	0	0.023	0.018	0.010	0.013	1984
MEAN	0.004	0.003R	0.003	0.061	0.024	0.021	0.015	0.010	0.014	0.022	0.013	0.007R	0.016	MEAN

LOCATION - LAT 49 39 26 N LONG 93 43 57 W DRAINAGE AREA, 1.87 km^2 NATURAL FLOW

DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

R - REVISED SINCE JAN 1980

LAKE 470 OUTLET NEAR KENORA - STATION NO. 05PD017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	0.258A ON APR 15	0 ON AUG 31 *	---	1969
1970	0.422 AT 22:15 CST ON APR 29	0.408 ON APR 29	0 ON JUL 27	691	1970
1971	---	0.195A ON APR 12	0 E ON JAN 31	847	1971
1972	0.269 AT 12:00 CST ON AUG 21	0.255 ON AUG 21	0 ON JAN 14	513	1972
1973	0.215 AT 18:30 CST ON APR 21	0.207 ON APR 21	0 ON JAN 1	596	1973
1975	0.388 AT 18:37 CST ON APR 24	0.278 ON APR 24	0 ON AUG 1	541	1975
1976	0.326 AT 18:33 CST ON APR 18	0.261 ON APR 18	0 ON JUN 2	315	1976
1977	0.249 AT 00:47 CST ON JUN 15	0.215 ON JUN 18	0 A ON JAN 13	480	1977
1978	0.348 AT 18:59 CST ON APR 26	0.308 ON APR 27	0.001 ON FEB 4	588	1978
1979	0.349 AT 19:28 CST ON APR 25	0.310 ON APR 25	0 ON JUL 10	486	1979
1980	0.150 AT 00:07 CST ON APR 21	0.147 ON APR 21	0 ON MAY 29	371	1980
1981	0.215 AT 23:50 CST ON JUL 3	0.188 ON JUL 4	0 ON FEB 10	516	1981
1982	0.845 AT 19:43 CST ON APR 16 *	0.458 ON APR 17 *	0 ON AUG 16	710	1982
1983	0.163 AT 03:08 CST ON APR 13	0.158 ON APR 13	0 ON MAY 2	304R	1983
1984	0.164 AT 07:14 CST ON APR 8	0.160 ON APR 8	0 ON JUL 25	412	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		511R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED

R - REVISED SINCE JAN 1980

LAKE 661 OUTLET NEAR KENORA - STATION NO. 05PD028

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	0.034	0.012	0.015	0.005	0	0	0	---	---	0.009	1983
1984	---	---	---	0.033	0.008	0.012	0.002	0	0	0.018	---	---	0.010	1984
MEAN	---	---	---	0.034	0.010	0.014	0.004	0	0	0.008	---	---	0.010	MEAN

LOCATION - LAT 49 39 38 N LONG 93 44 28 W NATURAL FLOW

DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

LAKE 661 OUTLET NEAR KENORA - STATION NO. 05PD028

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	0.105 AT 04:04 CST ON APR 12	0.100E ON APR 12	0 ON JUL 29 *	174	1983
1984	0.117E AT 18:50 CST ON APR 5 *	0.109E ON APR 6 *	0 ON JUL 23	185	1984
				180	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE COUCHICHING OUTFLOW AT WASHAGO - STATION NO. 02EC017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1926	28.6 R	35.8 R	36.4 R	42.8 R	85.1 R	47.3 R	25.1 R	31.2 R	30.5 R	11.8 R	20.5 R	29.7 R	34.0 R	1926
1927	27.7 R	26.2 R	28.2 R	21.7 R	28.3 R	50.0 R	28.7 R	34.2 R	16.1 R	15.5 R	12.0 R	5.69R	24.5 R	1927
1928	17.8 R	31.0 R	50.5 R	83.0 R	84.2 R	15.9 R	36.2 R	50.9 R	31.9 R	19.4 R	26.3 R	33.4 R	35.9 R	1928
1929	35.0 R	48.8 R	56.7 R	93.7 R	103 R	62.4 R	42.0 R	34.4 R	23.9 R	19.1 R	17.6 R	14.4 R	45.9 R	1929
1930	4.42R	18.8 R	25.6 R	45.4 R	39.6 R	26.5 R	30.3 R	18.3 R	15.7 R	15.9 R	14.0 R	11.7 R	22.4 R	1930
1931	13.0 R	12.2 R	8.52R	2.43R	2.58R	7.46R	14.1 R	18.0 R	14.1 R	12.0 R	4.95R	2.40R	9.39R	1931
1932	2.38R	14.6 R	32.1 R	83.0 R	53.1 R	16.3 R	6.28R	45.7 R	34.6 R	18.1 R	26.4 R	30.7 R	28.6 R	1932
1933	23.5 R	7.34R	3.14R	50.4 R	53.7 R	20.9 R	5.82R	8.10R	9.17R	15.3 R	12.5 R	1.66R	17.5 R	1933
1934	2.28R	2.51R	2.97R	46.9 R	32.4 R	3.89R	22.7 R	16.8 R	12.7 R	15.0 R	4.99R	3.00R	13.9 R	1934
1935	5.52R	4.18R	3.86R	7.44R	3.10R	24.1 R	46.2 R	18.4 R	8.90R	8.00R	5.03R	1.78R	11.3 R	1935
1936	3.38R	5.71R	15.9 R	49.3 R	37.1 R	6.90R	10.2 R	8.15R	9.11R	13.9 R	11.6 R	6.23R	14.7 R	1936
1937	21.1 R	34.1 R	40.4 R	12.3 R	48.0 R	29.5 R	19.2 R	23.3 R	18.2 R	13.3 R	4.35R	4.50R	22.3 R	1937
1938	9.99R	4.26R	14.8 R	35.2 R	18.5 R	5.68R	15.3 R	23.6 R	15.6 R	13.5 R	9.46R	3.10R	14.1 R	1938
1939	1.81R	4.15R	21.6 R	43.3 R	47.7 R	19.9 R	15.3 R	30.7 R	15.1 R	10.5 R	2.59R	2.05R	18.0 R	1939
1940	9.53R	13.2 R	18.0 R	5.38R	4.43R	32.7 R	22.5 R	14.4 R	17.2 R	14.3 R	9.23R	4.13R	13.7 R	1940
1941	23.7 R	41.2 R	45.4 R	41.6 R	9.01R	14.3 R	16.7 R	20.7 R	18.8 R	7.48R	39.7 R	41.7 R	28.6 R	1941
1942	35.5 R	22.8 R	40.1 R	86.4 R	85.1 R	31.7 R	30.6 R	22.4 R	12.3 R	2.26R	1.97R	33.1 R	33.1 R	1942
1943	4.52R	29.2 R	49.1 R	70.2 R	77.2 R	89.3 R	38.4 R	30.8 R	27.8 R	14.8 R	3.49R	6.57R	35.1 R	1943
1944	12.6 R	11.7 R	9.49R	3.26R	26.0 R	24.2 R	50.7 R	29.3 R	12.0 R	12.5 R	11.3 R	8.92R	17.7 R	1944
1945	11.8 R	13.4 R	5.53R	19.4 R	40.3 R	69.7 R	44.5 R	27.8 R	18.3 R	12.3 R	5.46R	12.1 R	23.4 R	1945
1946	33.0 R	43.3 R	87.9 R	26.2 R	4.81R	8.92R	17.1 R	18.9 R	16.3 R	17.8 R	14.7 R	6.38R	22.8 R	1946
1947	2.11R	9.80R	11.1 R	48.0 R	83.4 R	84.2 R	45.6 R	40.1 R	28.8 R	18.1 R	21.4 R	16.7 R	34.4 R	1947
1948	---	18.8 R	12.1 R	24.8 R	56.1 R	8.88R	16.9 R	20.9 R	19.6 R	16.6 R	7.11R	1.78R	---	1948
1949	2.11R	2.54R	22.2 R	52.1 R	31.3 R	11.8 R	14.3 R	13.7 R	15.4 R	14.7 R	14.0 R	6.91R	16.8 R	1949
1950	2.74R	3.31R	31.4 R	87.8 R	48.1 R	14.9 R	18.1 R	18.3 R	22.3 R	23.1 R	14.0 R	2.61R	23.8 R	1950
1951	33.4 R	37.6 R	32.8 R	103 R	91.8 R	63.9 R	31.0 R	17.8 R	16.6 R	11.7 R	4.92R	13.1 R	38.1 R	1951
1952	32.7 R	38.7 R	37.8 R	70.0 R	38.0 R	35.3 R	18.4 R	18.1 R	17.6 R	17.5 R	10.6 R	2.88R	28.0 R	1952
1953	2.98R	8.14R	7.07R	25.1 R	53.1 R	50.6 R	20.7 R	17.8 R	20.1 R	19.1 R	18.8 R	7.76R	20.8 R	1953
1954	11.3 R	13.6 R	55.8 R	78.1 R	74.3 R	40.7 R	19.4 R	19.8 R	12.9 R	56.5 R	81.0 R	69.8 R	44.7 R	1954
1955	56.5 R	40.3 R	---	47.1 R	36.9 R	15.8 R	18.6 R	21.4 R	19.3 R	10.5 R	17.0 R	27.7 R	---	1955
1956	29.6 R	24.3 R	31.1 R	44.2 R	65.3 R	59.2 R	45.7 R	30.4 R	35.2 R	16.3 R	14.6 R	3.81R	33.4 R	1956
1957	8.37R	8.69R	25.2 R	29.5 R	14.8 R	17.8 R	57.6 R	28.7 R	20.5 R	16.9 R	17.3 R	16.7 R	22.0 R	1957
1958	22.2 R	30.7 R	20.4 R	4.80R	9.72R	15.6 R	15.9 R	18.1 R	16.8 R	7.87R	5.98R	3.12R	14.2 R	1958
1959	8.10R	8.06R	---	---	---	---	---	---	---	---	---	10.2 R	---	1959
1960	27.7 R	46.5 R	59.2 R	84.7 R	91.1 R	88.4 R	57.2 R	27.5 R	19.7 R	17.4 R	17.7 R	16.6 R	44.4 R	1960
1961	15.9 R	14.1 R	2.02R	2.15R	3.87R	7.95R	13.8 R	21.6 R	37.4 R	26.0 R	24.9 R	3.22R	14.4 R	1961
1962	15.4 R	16.7 R	15.1 R	4.73R	5.13R	12.3 R	16.5 R	13.8 R	12.1 R	12.0 R	6.54R	8.97R	11.5 R	1962
1963	16.2	17.9	14.5	7.09	21.7	32.0	15.3	12.4	12.6	12.2	11.8	6.44	15.1	1963
1964	10.3	7.71	8.54	9.52	8.36	12.3	16.2	15.2	17.2	13.5	17.2	13.0	12.4	1964
1965	5.15	5.22	6.72	22.1	54.7	16.6	12.5	12.5	12.8	8.10	10.4	38.8	17.4	1965
1966	41.1	38.9	33.3	11.6	10.3	24.9	25.7	17.0	15.2	12.1	5.32	6.11	20.1	1966
1967	23.4	31.8	37.0	7.49	8.27	50.3	92.6	64.2	30.2	28.4	46.6	61.4	40.1	1967
1968	72.7	72.5	29.1	19.5	14.8	25.7	26.2	22.9	22.1	19.3	15.8	20.3	30.0	1968
1969	46.5	49.2	22.1	28.1	76.2	26.0	16.1	17.2	18.7	14.7 R	8.41	7.51	27.6 R	1969
1970	14.9	18.0	16.3	31.4	26.0	18.5	31.1	34.2	23.8	17.9	26.7	41.4	25.1	1970
1971	30.0	29.2	20.1	28.8	33.8	14.1	20.5	23.5	21.2	26.0	17.7	7.93	22.7	1971
1972	8.82	20.3	52.5	38.0	82.9	38.0	28.7	36.2	31.4	16.6	23.8	46.6	33.6	1972
1973	57.8	42.1	18.8	82.6	60.5	22.5	24.1	22.6	17.7	15.2	15.7	41.0	34.1	1973
1974	31.3	42.5	42.4	82.3	73.2	26.1	26.9	36.8	24.3	11.5	26.7	31.4	36.2	1974
1975	28.1	26.8	52.6	38.5	56.2	17.3	15.0	15.8	13.6	11.1	9.89	4.17	24.4	1975
1976	22.5	49.5	51.1	50.6	57.9	19.7	35.6	36.0	40.3	31.0	21.0	20.6	36.3	1976
1977	22.6	23.9	18.8	18.8	20.4	16.8	17.4	19.9	21.4	40.8	39.1	45.3	25.3	1977
1978	83.2	81.4	41.9	36.5	42.0	31.3	18.5	16.9	25.6	22.4	12.6	10.7	31.0	1978
1979	14.8	48.2	61.6	34.0	69.4	35.7	21.8	19.4	21.4	21.1	17.9	27.7	31.9	1979
1980	48.9	12.1	16.2	87.0	42.1	22.1	28.2	63.4	37.7	19.6	19.3	28.5	35.6	1980
1981	52.0	48.6	47.6	29.6	26.6	28.0	23.6	21.0	35.2	28.6	26.8	30.6	33.2	1981
1982	27.7	45.1	44.4	44.9	17.1	42.9	33.2	27.1	31.3	25.8	14.2	38.5	33.4	1982
1983	61.2	84.9	17.3	45.0	77.8	28.8	17.5	16.8	21.4	17.1	11.4	16.0	34.3	1983
1984	31.4	53.8	87.9	29.3	24.5	35.0	25.6	28.7	34.9	21.1	10.5	8.30	30.6	1984
MEAN	23.3 R	26.5 R	29.0 R	39.0 R	41.3 R	29.9 R	26.3 R	24.7 R	21.3 R	17.4 R	16.2 R	16.9 R	26.1	MEAN

DRAINAGE AREA, 3 700 km^2
REGULATED

R - REVISED SINCE JAN 1980

REMARKS - DATA IS SUMMATION OF FLOWS AT STATIONS 02EC004 AND 02EC016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1926	---	75.7R ON MAY 13	4.68R ON OCT 18	1 070 000R	1926
1927	---	53.0R ON JUN 9	3.87R ON NOV 27	774 000R	1927
1928	---	84.7R ON MAY 1	5.31R ON JAN 1	1 130 000R	1928
1929	---	110 R ON APR 13	7.93R ON NOV 29	1 450 000R	1929
1930	---	48.9R ON APR 20	3.54R ON JAN 5	707 000R	1930
1931	---	24.7R ON AUG 15	1.53R ON NOV 22	296 000R	1931
1932	---	74.2R ON APR 15	1.50R ON JAN 3	904 000R	1932
1933	---	64.6R ON MAY 1	1.19R ON DEC 10	552 000R	1933
1934	---	64.0R ON APR 28	1.47R ON NOV 11	439 000R	1934
1935	---	58.3R ON JUN 28	1.42R ON NOV 17	358 000R	1935
1936	---	54.4R ON MAY 6	1.42R ON JAN 1	485 000R	1936
1937	---	63.4R ON MAY 25	1.36R ON NOV 21	704 000R	1937
1938	---	46.4R ON APR 1	1.39R ON DEC 23	448 000R	1938
1939	---	55.2R ON APR 27	1.13R ON NOV 26 *	567 000R	1939
1940	---	47.0R ON JUN 15	2.18R ON APR 8	434 000R	1940
1941	---	60.8R ON APR 20	2.46R ON OCT 12	837 000R	1941
1942	---	73.3R ON MAR 29	1.55R ON NOV 22	1 050 000R	1942
1943	---	82.7R ON MAY 30	1.56R ON NOV 21	1 110 000R	1943
1944	---	54.1R ON JUN 28	2.63R ON MAR 27	561 000R	1944
1945	---	78.2R ON JUN 9	1.30R ON MAR 11	739 000R	1945
1946	---	81.6R ON MAR 19	1.13R ON DEC 15	721 000R	1946
1947	---	67.2R ON MAY 12	1.13R ON JAN 1	1 080 000R	1947
1948	---	---	---	---	1948
1949	---	53.2R ON MAY 2	1.19R ON DEC 25	530 000R	1949
1950	---	98.6R ON APR 11	1.50R ON JAN 1	751 000R	1950
1951	---	150 R ON APR 8 *	2.07R ON OCT 28	1 200 000R	1951
1952	---	82.4R ON APR 18	1.84P ON NOV 30	885 000R	1952
1953	---	55.8R ON MAY 5	2.12R ON DEC 27	655 000R	1953
1954	---	89.8R ON OCT 31	2.04R ON JAN 1	1 410 000R	1954
1955	---	---	---	---	1955
1956	---	73.3R ON MAY 14	3.00R ON DEC 3	1 080 000R	1956
1957	---	62.0R ON JUL 16	3.45R ON JAN 1	895 000R	1957
1958	---	32.6R ON JAN 31	1.13R ON OCT 12	447 000R	1958
1959	---	---	---	---	1959
1960	---	112 R ON MAY 31	10.3 R ON NOV 19	1 410 000R	1960
1961	---	43.3R ON SEP 12	1.13R ON MAR 7	453 000R	1961
1962	---	18.5R ON JUL 12	1.19R ON JAN 2	285 000R	1962
1963	---	39.6 ON JUN 8	4.43 ON MAY 1	478 000	1963
1964	---	28.2 ON NOV 23	3.09 ON DEC 27	393 000	1964
1965	---	57.2 ON MAY 27	3.54 ON JAN 1	549 000	1965
1966	---	45.6 ON JAN 3	2.57 ON NOV 19	634 000	1966
1967	---	118 ON JUL 3	4.31 ON APR 11	1 280 000	1967
1968	---	86.7 ON JAN 18	4.35 ON MAR 21	948 000	1968
1969	---	85.8 ON MAY 19	6.44 ON APR 10	871 000R	1969
1970	---	59.2 ON APR 23	6.72 ON MAR 28	791 000	1970
1971	---	53.0 ON APR 14	4.92 ON DEC 10	718 000	1971
1972	---	105 ON MAY 20	6.05 ON JAN 1	1 080 000	1972
1973	---	107 ON APR 10	6.48 ON MAR 17	1 080 000	1973
1974	---	93.1 ON APR 11	10.2 ON OCT 21	1 140 000	1974
1975	---	99.6 ON MAY 6	2.78 ON DEC 11	788 000	1975
1976	---	78.8 ON MAR 24	3.56 ON JAN 1	1 150 000	1976
1977	---	55.7 ON DEC 23	4.39 ON MAR 19	797 000	1977
1978	---	85.2 ON MAY 20	5.25 ON MAY 1	977 000	1978
1979	---	102 ON MAY 18	11.3 ON JAN 11	1 010 000	1979
1980	---	114 ON APR 18	9.09 ON FEB 8	1 120 000	1980
1981	---	84.9 ON MAR 3	14.4 ON APR 8	1 050 000	1981
1982	---	83.1 ON JUN 22	10.7 ON NOV 9	1 050 000	1982
1983	---	94.7 ON MAY 23	5.74 ON NOV 17	1 080 000	1983
1984	---	73.3 ON MAR 26	5.88 ON DEC 15	986 000	1984
				824 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

LAKE OF THE WOODS EASTERN OUTLET AT KENORA POWERHOUSE - STATION NO. 05PE005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1907	---	---	---	---	---	---	---	---	15.7	15.2	16.6	17.5	---	1907
1908	17.4	21.2	16.4	16.6	16.9	18.1	16.2	16.5	17.5	17.7	17.7	16.9	17.9	1908
1909	20.8	23.6	23.1	28.8	26.4	20.1	19.0	17.2	20.2	27.4	29.9	31.6	24.0	1909
1910	30.2	29.8	25.3	33.6	32.2	28.3	23.2	21.5	23.4	30.0	33.1	35.5	28.8	1910
1911	34.9	35.0	30.7	32.2	30.3	28.7	23.2	22.7	29.6	34.0	37.1	35.1	31.1	1911
1912	36.9	39.2	36.6	37.9	34.5	30.4	28.3	30.7	20.7	26.7	31.8	33.1	32.6	1912
1913	38.5	36.1	33.6	28.3	31.5	31.6	27.4	20.3	24.8	35.0	34.7	34.6	31.3	1913
1914	30.8	28.6	28.9	21.8	22.7	25.0	22.1	25.3	25.7	26.1	26.2	29.4	26.2	1914
1915	28.4	26.8	23.8	26.6	25.1	23.3	24.6	21.4	24.4	35.5	38.5	37.6	28.2	1915
1916	28.5	25.6	25.6	23.6	32.4	48.1	51.2	45.4	32.4	31.0	32.7	31.4	34.1	1916
1917	29.1	37.3	32.5	36.0	39.6	32.4	30.0	20.8	21.0	36.0	38.6	37.5	32.7	1917
1918	39.6	36.1	34.0	30.8	28.8	32.7	24.5	18.6	22.7	35.0	36.0	39.5	31.5	1918
1919	29.6	19.5	25.3	28.4	32.1	22.7	33.6	25.1	26.3	34.8	36.4	33.8	29.0	1919
1920	28.8	21.1	21.8	22.4	24.8	29.3	27.6	18.4	18.7	27.7	20.2	19.3	23.5	1920
1921	22.7	22.4	19.7	20.5	20.0	17.2	17.4	18.3	25.4	32.5	36.1	28.7	23.3	1921
1922	19.9	20.0	19.3	20.3	21.0	21.1	19.1	18.7	26.2	32.4	33.1	34.8	23.8	1922
1923	29.2	33.5	61.6	104	86.9	82.5	85.0	98.2	85.2	112	101	100	86.1	1923
1924	110	121	126	121	111	101	126	123	126	136	128	121	120	1924
1925	115	117	115	121	101	126	115	132	134	142	130	131	123	1925
1926	143	127	86.8	107	113	123	126	118	126	143	130	123	123	1926
1927	131	126	134	140	125	125	123	124	141	138	111	74.6	124	1927
1928	86.7	101	111	122	124	103	114	119	120	118	124	108	111	1928
1929	103	114	136	134	110	118	111	114	120	112	123	115	117	1929
1930	80.0	69.3	72.2	69.7	35.7	61.5	67.1	82.5	39.5	33.0	31.2	35.5	55.5	1930
1931	38.8	35.7	36.1	37.2	35.8	39.2	43.8	42.4	41.9	35.3	42.8	40.8	39.2	1931
1932	41.3	40.6	38.9	38.9	43.0	38.9	43.3	43.8	48.9	49.5	48.5	46.3	43.6	1932
1933	50.4	54.1	82.1	127	61.7	67.6	75.2	100	97.7	86.6	115	122	88.7	1933
1934	126	124	128	115	121	104	84.7	81.6	82.5	103	108	120	108	1934
1935	101	99.7	109	109	102	85.2	101	114	110	105	97.8	98.5	103	1935
1936	104	117	127	119	122	123	124	133	121	122	114	117	120	1936
1937	107	112	110	108	113	102	130	145	142	134	127	124	121	1937
1938	110	108	108	78.8	98.0	87.1	85.0	111	114	92.5	90.8	105	98.2	1938
1939	76.4	80.8	104	115	97.9	87.2	85.8	89.5	56.2	59.7	58.7	67.4	79.9	1939
1940	82.7	37.7	48.3	41.3	9.13	39.6	49.3	50.4	43.7	54.3	39.4	53.0	44.1	1940
1941	57.1	41.8	38.2	38.5	34.8	43.2	68.9	57.9	66.6	107	116	137	67.5	1941
1942	148	150	149	122	116	118	124	111	125	97.5	101	98.7	121	1942
1943	102	114	127	108	127	100	97.3	127	104	107	105	101	110	1943
1944	102	94.3	78.3	72.5	68.7	97.3	109	116	101	92.6	116	117	97.1	1944
1945	110	118	118	128	99.0	128	125	129	134	88.1	128	130	119	1945
1946	131	122	126	138	135	135	114	113	105	101	93.4	98.5	117	1946
1947	110	140	138	139	139	108	117	128	126	124	124	122	126	1947
1948	137	137	140	141	118	133	139	140	126	120	115	106	129	1948
1949	101	98.5	99.8	94.7	77.3	56.2	56.9	112	112	105	115	121	95.7	1949
1950	127	137	136	138	123	114	119	112	110	136	130	123	125	1950
1951	124	123	127	126	123	142	137	110	111	131	131	130	126	1951
1952	128	134	128	124	110	84.8	113	133	124	107	96.5	113	117	1952
1953	88.2	101	107	82.5	67.9	73.6	123	124	126	120	112	108	101	1953
1954	99.4	108	136	128	121	115	130	141	128	123	110	109	121	1954
1955	109	111	115	125	134	125	110	114	112	105	110	128	117	1955
1956	132	130	120	123	136	128	131	130	126	120	113	121	126	1956
1957	123	122	122	124	113	106	135	140	123	138	138	139	127	1957
1958	140	144	148	148	136	82.8	76.2	83.0	75.5	87.8	89.4	86.7	103	1958
1959	76.1	85.5	90.9	93.1	82.5	78.4	82.4	84.2	87.2	128	121	134	95.4	1959
1960	134	134	127	127	127	118	120	118	111	108	109	89.1	118	1960
1961	95.6	96.5	93.7	91.6	95.4	91.7	88.4	98.8	95.5	95.2	117	125	99.8	1961
1962	124	122	126	124	104	118	138	118	132	135	134	137	126	1962
1963	137	137	132	134	131	137	144	143	136	137	136	134	137	1963
1964	131	124	119	109	117	131	132	142	139	121	140	140	129	1964
1965	141	138	130	126	137	129	137	142	140	135	122	142	135	1965
1966	148	148	137	129	131	131	142	157	154	152	145	144	143	1966
1967	142	136	133	108	103	139	140	126	136	142	141	144	133	1967
1968	135	118	86.4	38.4	38.1	118	137	146	147	147	135	145	116	1968
1969	142	134	126	132	142	142	143	161	152	153	150	142	143	1969
1970	141	140	139	140	143	133	133	153	152	150	146	142	143	1970
1971	137	136	128	119	144	152	147	95.9	91.1	124	139	137	129	1971
1972	143	142	135	133	145	136	93.4	99.8	143	138	147	145	133	1972
1973	141	137	137	95.2	82.1	82.2	97.7	109	136	136	147	140	120	1973
1974	134	127	140	142	131	129	138	127	133	147	139	148	136	1974
1975	145	136	135	130	147	147	140	139	93.1	100	131	131	131	1975
1976	131	125	85.0	120	81.7	77.8	79.0	80.8	80.0	74.2	74.4	85.4	89.4	1976
1977	76.2	63.4	38.7	38.7	35.1	32.8	33.1	33.2	47.8	89.1	86.9	97.5	55.0	1977
1978	102	102	109	112	100	92.6	126	129	122	139	134	135	117	1978
1979	132	131	129	137	134	138	136	126	125	98.4	84.2	86.4	121	1979
1980	116	132	140	126	74.2	61.5	60.3	61.0	61.8	82.1	85.1	124	90.2	1980
1981	136	132	83.8	35.3	51.2	77.5	60.9	41.6	39.5	63.9	76.8	130	76.6	1981
1982	126	121	84.6	80.6	82.5	126	130	126	116	116	116	138	112	1982
1983	145	141	138	142	78.0	67.7	90.2	91.6	82.7	145	145	146	119	1983
1984	147	147	144	142	115	144	152	119	114	109	120	116	131	1984
MEAN	97.0	95.7	98.0	93.2	88.0	88.6	93.1	93.5	91.6	95.0	95.5	97.7	94.2	MEAN

LOCATION - LAT 49 46 20 N
LONG 94 30 10 W REGULATED SINCE 1907

REMARKS - FORMERLY PUBLISHED UNDER STA. NO. 05PE001

LAKE OF THE WOODS EASTERN OUTLET AT KENORA POWERHOUSE - STATION NO. 05PE006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1907	---	---	---	---	1907
1908	---	22.1 ON FEB 29	15.7 ON JAN 12	587 000	1908
1909	---	36.5 ON DEC 9	14.5 ON JUL 4	757 000	1909
1910	---	44.2 ON MAY 21	15.0 ON AUG 14	901 000	1910
1911	---	43.3 ON NOV 11	16.5 ON JUL 9	881 000	1911
1912	---	49.3 ON FEB 23	15.7 ON JUL 1	1 030 000	1912
1913	---	45.6 ON JAN 22	17.5 ON APR 13	983 000	1913
1914	---	43.0 ON JAN 13	17.5 ON OCT 25	828 000	1914
1915	---	44.7 ON DEC 14	17.5 ON SEP 5	891 000	1915
1916	---	73.6 ON JUN 29	19.0 ON JAN 23	1 080 000	1916
1917	---	49.6 ON APR 24	18.4 ON AUG 12	1 030 000	1917
1918	---	48.7 ON DEC 27	15.5 ON AUG 18	934 000	1918
1919	---	47.9 ON JUL 22	18.2 ON JUN 8	918 000	1919
1920	---	39.1 ON JUL 3	13.5 ON AUG 18	742 000	1920
1921	---	43.6 ON NOV 22	13.3 ON JUL 3	735 000	1921
1922	---	44.2 ON SEP 23	16.2 ON JUL 16	752 000	1922
1923	134 ON OCT 5		17.3 ON JAN 21	2 720 000	1923
1924	146 ON OCT 8		15.7 ON JUL 1	3 810 000	1924
1925	152 ON OCT 16		18.5 ON MAY 12	3 890 000	1925
1926	156 ON SEP 29		28.9 ON JUL 1	3 880 000	1926
1927	152 ON SEP 11		48.1 ON DEC 11	3 920 000	1927
1928	149 ON NOV 8		17.0 ON SEP 9	3 500 000	1928
1929	147 ON JUN 6		26.2 ON JUN 30	3 700 000	1929
1930	127 ON JAN 8		0 ON MAY 6 *	1 750 000	1930
1931	59.7 ON NOV 24		7.62 ON MAR 21	1 240 000	1931
1932	70.5 ON OCT 4		28.3 ON JUN 19	1 380 000	1932
1933	149 ON MAR 22		27.4 ON OCT 8	2 800 000	1933
1934	145 ON JUN 7		29.7 ON NOV 4	3 410 000	1934
1935	151 ON JUL 30		32.5 ON MAY 19	3 240 000	1935
1936	151 ON FEB 13		42.5 ON SEP 7	3 800 000	1936
1937	155 ON JUL 22		25.5 ON MAY 2	3 820 000	1937
1938	152 ON JUL 28		0 ON JUN 24	3 100 000	1938
1939	140 ON MAR 18		0 ON AUG 6	2 520 000	1939
1940	96.6 ON JAN 12		8.37 ON MAY 9	1 400 000	1940
1941	150 ON DEC 27		21.7 ON JUN 8	2 130 000	1941
1942	152 ON JAN 18		44.2 ON DEC 25	3 830 000	1942
1943	149 ON MAY 12		43.5 ON APR 25	3 470 000	1943
1944	148 ON AUG 2		29.7 ON JUL 1	3 070 000	1944
1945	152 ON JUL 18		51.0 ON JUL 22	3 780 000	1945
1946	150 ON JUN 11		59.5 ON JUL 1	3 700 000	1946
1947	151 ON AUG 18		65.4 ON JAN 1	3 980 000	1947
1948	150 ON JUL 9		53.5 ON DEC 19	4 090 000	1948
1949	142 ON DEC 28		25.5 ON JUN 19	3 020 000	1949
1950	148 ON MAY 4		80.4 ON FEB 5	3 950 000	1950
1951	147 ON JUL 5		76.5 ON SEP 3	3 980 000	1951
1952	148 ON AUG 28		71.6 ON MAY 18	3 710 000	1952
1953	142 ON AUG 24		46.7 ON APR 28	3 190 000	1953
1954	147 ON JUL 19		63.7 ON JAN 1	3 800 000	1954
1955	153 ON JUN 4		83.3 ON JAN 9	3 880 000	1955
1956	146 ON MAY 20		83.2 ON NOV 18	3 990 000	1956
1957	168 ON DEC 3 *		7.65 ON SEP 15	4 010 000	1957
1958	151 ON MAR 30		33.7 ON OCT 20	3 240 000	1958
1959	142 ON OCT 15		48.7 ON JUN 8	3 010 000	1959
1960	145 ON JUL 31		89.7 ON DEC 18	3 740 000	1960
1961	138 ON AUG 5		62.0 ON JUN 4	3 140 000	1961
1962	150 ON JUL 11		86.8 ON MAY 27	3 970 000	1962
1963	154 ON JUL 15		87.2 ON APR 28	4 310 000	1963
1964	151 ON AUG 14		71.6 ON SEP 26	4 080 000	1964
1965	150 ON MAY 25		100 ON MAY 23	4 280 000	1965
1966	159 ON AUG 15		127 ON APR 10	4 510 000	1966
1967	159 ON JUL 5		87.8 ON JUL 20	4 190 000	1967
1968	159 ON AUG 26		33.8 ON APR 15	3 880 000	1968
1969	158 ON AUG 6		73.9 ON MAY 26	4 500 000	1969
1970	155 ON AUG 15		108 ON JUL 1	4 500 000	1970
1971	157 ON JUL 3		81.0 ON SEP 6	4 070 000	1971
1972	155 ON AUG 28		73.5 ON AUG 2	4 220 000	1972
1973	152 ON NOV 1		80.1 ON JUN 28	3 780 000	1973
1974	157 ON SEP 28		88.4 ON SEP 20	4 300 000	1974
1975	159 ON JUL 1		85.5 ON SEP 5	4 140 000	1975
1976	142 ON JAN 6		44.2 ON MAY 30	2 830 000	1976
1977	101 ON DEC 21		30.5 ON JUN 15	1 770 000	1977
1978	152 ON OCT 28		57.2 ON MAY 30	3 890 000	1978
1979	150 ON JUL 11		75.6 ON DEC 31	3 820 000	1979
1980	144 ON FEB 15		40.4 ON JUL 1	2 850 000	1980
1981	137 ON JAN 14		20.3 ON APR 27	2 490 000	1981
1982	148 ON DEC 25		44.5 ON MAY 2	3 540 000	1982
1983	155 ON OCT 5		62.2 ON MAY 12	3 740 000	1983
1984	156 ON JUL 8		90.8 ON AUG 13	4 130 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 970 000	MEAN

LAKE OF THE WOODS OUTLET AT BOAT LIFT CHANNEL - STATION NO. 05PE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	20.2	19.7	20.2	---	---	---	18.9	19.1	---	1913
1914	18.4	21.2	20.5	18.3	20.8	20.7	17.9	22.4	22.5	18.6	18.2	18.3	19.5	1914
1915	19.2	21.0	14.9	18.1	11.8	14.0	6.68	5.56	19.0	22.7	25.6	24.0	16.8	1915
1916	20.0	22.4	16.4	16.2	28.3	43.2	51.6	35.9	31.6	30.1	28.8	23.3	29.0	1916
1917	16.0	17.2	30.3	32.0	26.7	14.0	18.4	19.3	19.2	22.8	26.6	21.8	22.1	1917
1918	26.7	23.9	25.6	25.8	24.3	20.0	4.45	8.44	16.4	24.2	25.5	25.3	20.9	1918
1919	15.8	22.3	21.8	28.7	25.3	22.0	27.5	28.4	28.9	29.6	27.1	26.3	25.4	1919
1920	23.4	20.6	5.98	12.1	27.0	28.8	16.9	5.44	24.2	22.3	23.9	20.5	19.1	1920
1921	22.1	16.2	23.5	21.1	21.6	21.9	20.9	8.71	22.5	23.8	25.5	24.9	21.1	1921
1922	19.3	25.2	23.3	18.0	23.8	10.8	22.1	18.4	26.2	27.8	28.9	28.0	22.5	1922
1923	18.5	21.8	26.7	32.2	24.0	21.2	15.3	23.0	24.5	27.7	29.7	24.1	24.1	1923
1924	25.8	28.2	26.5	21.5	26.9	23.6	18.7	18.8	25.5	30.1	27.7	26.3	25.0	1924
1925	25.2	22.5	18.8	22.0	24.3	24.7	22.7	14.7	21.1	25.8	25.2	21.9	22.4	1925
1926	18.2	13.8	20.4	20.1	19.0	14.3	15.8	10.9	20.0	27.3	27.8	21.9	19.1	1926
1927	17.0	22.4	22.0	22.4	29.1	29.3	26.8	22.7	17.9	25.0	26.5	22.5	23.6	1927
1928	21.9	22.9	24.8	24.6	17.2	16.9	22.9	21.2	21.8	30.1	27.4	20.8	22.7	1928
1929	24.4	24.8	20.1	22.9	23.0	20.7	22.5	24.7	15.0	16.7	21.3	19.6	21.3	1929
1930	18.2	7.06	5.31	5.24	13.7	24.5	18.3	15.5	7.12	17.6	11.3	10.7	12.9	1930
1931	11.2	15.5	13.6	9.46	13.8	20.5	21.8	23.5	22.6	27.6	27.9	14.0	18.5	1931
1932	15.4	17.1	15.7	20.8	15.7	14.1	16.7	19.1	20.2	26.2	32.1	8.38	18.4	1932
1933	10.9	8.17	20.0	20.4	21.1	16.9	17.3	18.8	14.0	26.3	29.5	7.09	17.7	1933
1934	14.4	23.0	20.3	22.7	17.3	19.5	16.3	14.8	17.9	26.0	26.6	12.2	19.2	1934
1935	12.9	20.4	17.4	19.1	19.3	15.0	18.5	15.1	20.1	24.8	23.8	12.4	18.0	1935
1936	13.6	22.7	23.2	22.8	17.7	19.1	18.3	20.1	22.7	27.8	27.0	15.5	20.7	1936
1937	15.8	18.3	22.0	24.3	17.0	16.5	16.0	17.4	24.6	25.7	25.8	19.4	20.3	1937
1938	16.2	16.6	12.9	10.3	15.8	30.5	16.2	14.9	24.6	29.4	27.7	11.2	18.8	1938
1939	19.9	16.7	19.0	20.9	19.4	18.1	12.2	23.1	31.3	33.0	33.5	27.8	22.9	1939
1940	17.8	24.2	22.3	25.6	16.1	16.2	20.6	10.4	24.0	27.9	24.1	15.8	20.4	1940
1941	15.2	24.7	19.2	24.6	29.5	27.3	26.4	28.4	24.8	33.9	33.1	23.8	25.9	1941
1942	24.6	28.4	26.3	26.6	20.1	16.8	22.2	20.7	27.2	18.3	20.6	22.2	22.6	1942
1943	19.6	24.4	26.1	23.9	27.4	37.4	35.5	20.6	20.1	25.1	28.1	28.7	26.4	1943
1944	28.7	29.7	28.8	26.3	20.2	29.1	26.1	28.7	28.6	21.8	24.7	30.0	26.9	1944
1945	30.1	29.8	27.7	28.6	27.3	26.2	18.8	20.3	21.6	22.4	26.1	25.1	25.3	1945
1946	25.4	26.6	25.2	29.5	33.5	24.2	17.0	22.3	22.2	24.2	25.2	24.6	25.0	1946
1947	25.3	25.9	26.8	27.6	27.4	26.8	28.0	22.1	23.4	24.4	19.0	19.5	24.8	1947
1948	21.5	23.0	23.7	28.1	26.5	23.4	17.2	16.0	23.2	21.4	22.5	20.4	22.0	1948
1949	18.9	20.2	23.4	20.3	23.0	16.8	12.2	12.5	20.2	21.3	20.1	18.7	19.0	1949
1950	16.9	21.2	20.2	17.5	14.9	25.2	5.17	24.6	28.4	26.2	24.8	21.4	20.5	1950
1951	26.3	29.6	30.5	28.9	32.2	19.3	11.8	15.0	19.1	22.5	16.1	20.6	22.6	1951
1952	19.6	24.7	24.9	24.4	21.7	19.6	13.8	19.0	21.4	23.4	21.9	19.1	21.1	1952
1953	19.2	21.8	20.9	22.2	21.0	20.1	20.8	14.4	15.3	21.0	23.2	21.7	20.2	1953
1954	18.1	22.3	21.5	17.0	22.0	26.5	20.4	16.1	14.5	14.7	16.4	14.7	18.7	1954
1955	14.5	15.0	5.42	4.85	4.47	4.34	3.85	4.15	4.59	5.21	5.82	5.80	6.47	1955
1956	6.01	6.15	6.43	6.98	5.94	4.95	4.26	4.47	4.57	4.79	5.54	6.05	5.51	1956
1957	6.56	6.62	5.90	5.26	2.84	4.58	4.33	4.27	4.46	4.75	5.08	5.58	5.02	1957
1958	5.75	5.68	5.49	5.60	5.34	4.79	5.16	4.80	5.48	5.96	6.11	6.41	5.53	1958
1959	6.30	6.44	6.25	5.98	5.42	5.38	4.97	4.39	4.86	5.79	6.08	6.13	5.66	1959
1960	6.00	6.08	5.95	5.78	5.51	5.00	5.24	4.87	5.07	5.70	6.08	6.03	5.81	1960
1961	6.19	6.08	5.45	4.83	3.59	2.67	3.68	3.17	2.73	3.08	3.80	4.87	4.16	1961
1962	5.46	5.54	5.40	4.80	3.88	6.57	4.12	5.55	3.40	3.32	4.86	4.83	4.80	1962
1963	5.23	5.21	4.42	3.72	3.40	2.11	2.15	2.56	3.85	5.01	5.19	5.52	4.02	1963
1964	5.70	5.74	5.68	4.51	3.41	3.23	5.04	1.45	3.71	6.29	3.92	4.90	4.47	1964
1965	4.93	5.25	5.29	4.86	2.41	5.26	4.29	2.43	4.43	5.08	5.17	4.68	4.56	1965
1966	6.13	6.27	6.54	6.47	0.327	0	0	0	0	0	0	0	2.12	1966
1967	0	0	0	0	0	0	0	0.157	0.602	0.455	0	0	0.101	1967
1968	2.38	3.39	3.46	3.41	3.11	2.74	2.57	2.47	2.60	2.80	2.47	2.53	2.81	1968
1969	2.55	2.55	2.48	1.65	1.51	2.83	2.83	2.83	2.83	2.75	1.98	1.78	2.36	1969
1970	1.70	1.70	1.70	1.70	1.70	1.70	1.24	1.13	1.22	1.98	1.98	1.98	1.84	1970
1971	1.98	1.98	1.70	1.36	1.70	1.70	1.70	2.27	2.34	2.27	2.27	2.08	1.95	1971
1972	1.70	1.70	1.70	1.70	1.65	1.42	0.964	0.850	0.850	0.603	0	0	1.09	1972
1976	---	---	---	---	---	4.79	4.81	4.81	4.81	4.84	0.858	0	---	1976
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	1977
1978	0	0	0	0	0	0	0	0	0	0	0	0	0	1978
1979	0	0	0	0	0	0	0	0	0	0	0	0	0	1979
MEAN	14.5	15.8	15.5	15.7	15.6	15.3	13.7	13.0	15.2	17.3	17.4	14.3	15.3	MEAN

LOCATION - LAT 49 45 50 N
LONG 94 33 30 W
REGULATED

REMARKS - STATION WAS DISCONTINUED IN 1979 AS THIS OUTLET FROM LAKE OF THE WOODS CEASED TO FUNCTION AS AN OUTLET

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	28.3 ON JUN 22	0.085 ON OCT 11	814 000	1914
1915	---	28.0 ON DEC 8	0.283 ON MAY 18	531 000	1915
1916	---	62.3 ON JUL 10	1.05 ON APR 16	917 000	1916
1917	---	39.6 ON APR 11	2.15 ON JUL 29	696 000	1917
1918	---	34.8 ON MAR 29	0 ON JUL 3 *	680 000	1918
1919	---	41.6 ON OCT 9	1.84 ON JUL 13	801 000	1919
1920	---	35.7 ON JUN 30	0 ON AUG 20	603 000	1920
1921	---	39.4 ON APR 27	0 ON AUG 15	664 000	1921
1922	---	36.2 ON MAY 13	2.52 ON APR 9	708 000	1922
1923	---	40.2 ON MAR 28	0 ON JUL 18	759 000	1923
1924	---	38.8 ON FEB 4	0 ON JUL 8	789 000	1924
1925	---	32.3 ON NOV 27	1.44 ON AUG 30	705 000	1925
1926	---	42.5 ON OCT 21	1.08 ON JUL 11	804 000	1926
1927	---	56.4 ON JUL 25	2.46 ON SEP 4	748 000	1927
1928	---	39.9 ON OCT 27	1.42 ON MAY 13	718 000	1928
1929	---	34.8 ON JAN 24	0 ON SEP 17	671 000	1929
1930	---	36.0 ON JAN 8	1.67 ON JUL 18	407 000	1930
1931	---	32.0 ON AUG 3	2.55 ON MAY 25	583 000	1931
1932	---	37.1 ON NOV 11	2.44 ON JUN 25	582 000	1932
1933	---	39.6 ON OCT 27	2.46 ON JUN 18	557 000	1933
1934	---	37.1 ON FEB 16	2.78 ON JUL 1	805 000	1934
1935	---	31.7 ON APR 10	2.72 ON SEP 8	568 000	1935
1936	---	37.7 ON DEC 28	2.80 ON JUL 12	855 000	1936
1937	---	35.7 ON FEB 11	0 ON JUN 21	640 000	1937
1938	---	38.8 ON MAY 18	2.44 ON SEP 4	594 000	1938
1939	---	36.5 ON OCT 25	2.15 ON JUL 10	723 000	1939
1940	---	34.5 ON MAR 20	0 ON MAY 12	644 000	1940
1941	---	38.8 ON DEC 11	2.97 ON SEP 7	817 000	1941
1942	---	36.5 ON SEP 24	0 ON OCT 11	713 000	1942
1943	---	40.2 ON JUN 25	0 ON MAY 9	833 000	1943
1944	---	38.9 ON JUN 10	1.13 ON NOV 11	850 000	1944
1945	---	40.2 ON APR 18	0 ON JUL 25	798 000	1945
1946	---	39.1 ON MAY 14	0 ON JUL 14	787 000	1946
1947	---	38.5 ON JUN 11	2.89 ON SEP 21	783 000	1947
1948	---	37.7 ON MAY 25	0 ON JUL 5	897 000	1948
1949	---	34.0 ON FEB 4	0 ON JUL 25	698 000	1949
1950	---	72.5 ON JUN 30 *	0 ON JUL 2	848 000	1950
1951	---	39.6 ON MAR 5	0 ON JUL 8	713 000	1951
1952	---	34.8 ON FEB 22	0 ON JUL 8	867 000	1952
1953	---	32.3 ON NOV 4	0 ON AUG 12	637 000	1953
1954	---	40.5 ON MAY 18	0 ON JUL 23	591 000	1954
1955	---	23.0 ON JAN 27	2.49 ON AUG 27	204 000	1955
1956	---	8.04 ON APR 27	2.49 ON SEP 18	174 000	1956
1957	---	7.70 ON FEB 1	0 ON MAY 13	158 000	1957
1958	---	8.61 ON DEC 18	2.75 ON OCT 12	174 000	1958
1959	---	7.25 ON JAN 21	2.04 ON JUL 31	179 000	1959
1960	---	7.28 ON DEC 20	1.84 ON AUG 27	177 000	1960
1961	---	7.42 ON JAN 28	0 ON MAY 7	131 000	1961
1962	---	7.82 ON JUN 8	0 ON APR 28	151 000	1962
1963	---	8.06 ON JAN 23	0 ON MAR 23	127 000	1963
1964	---	7.45 ON OCT 8	0 ON APR 12	141 000	1964
1965	---	7.14 ON NOV 16	0 ON APR 18	144 000	1965
1966	---	7.82 ON APR 5	0 ON MAR 13	66 800	1966
1967	---	0.963 ON AUG 28	0 ON JAN 1	3 200	1967
1968	---	3.77 E ON APR 4	0 ON JAN 1	88 800	1968
1969	---	2.89 ON MAY 30	1.42 E ON APR 10	75 100	1969
1970	---	2.18 ON SEP 28	1.13 E ON JUL 8	51 800	1970
1971	---	2.61 ON AUG 12	1.13 E ON APR 11	61 400	1971
1972	---	1.70 E ON JAN 1	0 ON OCT 23	34 800	1972
1976	---	---	---	---	1976
1977	---	0 ON JAN 1	0 ON JAN 1	0	1977
1978	---	0 ON JAN 1	0 ON JAN 1	0	1978
1979	---	0 ON JAN 1	0 ON JAN 1	0	1979
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		484 000	MEAN

E - ESTIMATED

LAKE OF THE WOODS OUTLET AT MILL 'C' KEEWATIN - STATION NO. 05PE004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	17.0	17.4	---	---	---	15.5	15.3	---	1913
1914	16.8	16.6	16.8	13.7	16.2	16.1	16.5	17.7	18.8	12.0	---	10.8	---	1914
1915	18.8	18.4	15.2	14.2	17.4	8.81	14.0	12.3	15.6	19.4	22.7	21.2	16.4	1915
1916	20.4	17.9	15.2	15.4	17.0	19.2	22.6	24.5	25.1	24.9	23.8	20.9	20.7	1916
1917	17.0	21.0	24.6	24.1	19.5	12.9	8.87	5.78	15.2	21.2	22.5	21.3	17.8	1917
1918	23.1	27.4	21.7	20.1	18.1	17.9	13.0	7.85	15.5	20.8	17.0	20.9	18.6	1918
1919	14.9	8.98	17.4	20.8	19.5	18.4	23.0	22.9	20.8	17.0	20.3	21.1	18.7	1919
1920	21.5	9.41	8.22	12.2	14.7	11.2	8.89	12.9	16.2	16.4	17.4	11.8	13.4	1920
1921	18.1	11.6	18.7	13.8	14.9	15.3	13.8	13.1	20.6	20.8	21.2	21.5	16.6	1921
1922	19.8	22.1	20.8	10.8	21.8	11.5	17.3	9.02	19.8	21.0	27.7	24.1	18.8	1922
1923	18.3	17.7	23.1	26.2	13.6	16.4	13.7	14.4	20.8	25.4	27.5	20.6	19.6	1923
1924	24.1	20.5	20.8	17.6	25.4	20.7	22.5	16.6	20.6	26.9	22.9	20.4	21.6	1924
1925	20.1	18.6	18.0	19.2	14.5	---	---	---	15.8	18.4	17.1	15.7	---	1925
1926	11.0	14.4	8.31	14.1	13.9	11.1	10.8	10.5	16.2	20.4	23.4	19.8	14.6	1926
1927	17.2	13.6	13.6	16.6	32.8	33.4	28.9	21.3	12.6	17.7	19.0	16.8	20.2	1927
1928	24.4	17.0	17.0	16.4	15.1	14.0	16.1	17.5	11.3	13.8	10.9	10.0	15.3	1928
1929														1929
1930	14.5	20.6	16.5	19.8	11.1	0.838	10.1	16.5	17.7	19.7	14.4	16.8	14.8	1930
1931	15.3	11.9	13.7	14.5	15.8	19.0	18.8	18.8	18.3	21.7	22.1	12.1	16.8	1931
1932	8.18	10.2	11.4	10.1	10.7	10.5	7.80	8.08	10.2	15.9	20.5	6.43	10.8	1932
1933	6.31	11.4	4.83	15.5	12.3	10.5	10.7	12.8	10.0	17.6	21.4	11.4	12.0	1933
1934	12.0	15.2	12.7	15.8	14.5	15.3	8.47	9.06	11.2	18.7	19.8	1.85	12.8	1934
1935	10.5	5.44	7.72	10.4	10.4	7.80	9.03	10.6	14.5	18.4	15.6	3.07	10.3	1935
1936	10.7	8.10	11.2	8.81	11.8	10.8	16.1	10.5	16.5	20.6	19.5	4.87	12.4	1936
1937	12.8	12.1	14.8	7.30	4.99	8.22	5.98	7.61	16.5	17.1	19.0	12.2	11.6	1937
1938	6.52	11.2	10.4	5.00	21.7	28.7	19.2	8.74	17.3	21.6	20.4	8.26	14.9	1938
1939	7.85	12.7	11.4	14.7	14.1	12.5	12.7	9.84	25.3	25.0	26.4	21.8	16.1	1939
1940	17.0	17.2	10.2	20.2	14.8	15.6	8.33	10.8	19.1	21.7	20.4	8.18	15.2	1940
1941	14.9	12.2	15.4	18.7	22.7	21.1	18.7	20.1	17.7	37.2	36.0	17.8	21.1	1941
1942	18.5	19.8	20.6	21.6	13.3	18.5	16.6	17.0	19.5	24.0	26.5	26.2	20.2	1942
1943	28.3	31.3	33.8	31.2	32.7	34.6	34.6	28.8	24.7	21.2	22.6	23.0	28.7	1943
1944	21.9	22.4	22.4	21.6	20.7	30.1	26.6	28.6	31.5	16.4	19.8	21.9	23.8	1944
1945	23.9	23.4	22.8	25.9	27.5	19.1	13.4	18.8	17.6	17.8	20.8	20.0	20.7	1945
1946	20.3	21.5	20.3	23.6	25.5	14.9	19.6	19.6	18.8	20.0	20.3	20.3	20.4	1946
1947	21.2	20.5	21.0	22.7	21.9	31.1	28.4	14.8	19.6	18.4	17.5	14.4	20.9	1947
1948	15.5	15.7	17.2	18.4	24.9	18.4	18.8	9.54	17.3	16.5	19.0	18.4	17.3	1948
1949	13.8	17.1	14.4	15.3	11.0	13.1	14.2	18.2	18.3	17.0	15.5	12.6	14.7	1949
1950	15.2	15.2	16.4	13.4	23.7	23.0	26.1	25.0	27.4	19.3	17.1	15.3	19.8	1950
1951	19.9	22.6	23.1	22.2	27.3	18.9	8.42	16.1	15.1	15.0	17.9	12.8	18.2	1951
1952	18.5	21.5	19.3	20.2	18.3	14.2	12.2	15.9	18.0	18.9	17.4	13.8	17.3	1952
1953	15.6	16.1	17.0	16.2	17.8	17.7	17.3	9.34	11.3	16.2	17.7	16.9	15.8	1953
1954	14.1	17.1	14.4	14.7	17.5	24.3	18.2	14.6	16.5	18.0	17.8	14.0	16.9	1954
1955	10.8	11.8	17.8	16.9	16.8	16.9	12.0	16.7	17.4	21.1	21.5	18.0	16.5	1955
1956	17.5	18.9	20.2	23.8	22.9	20.0	17.6	17.0	16.8	18.5	20.6	16.5	19.2	1956
1957	16.0	18.3	17.6	15.2	16.7	17.7	11.3	16.8	17.1	19.5	19.8	19.4	17.3	1957
1958	21.2	19.1	16.9	22.3	19.7	18.3	20.6	11.0	21.4	23.5	21.6	20.2	19.8	1958
1959	16.0	18.6	21.7	21.2	17.1	16.6	16.5	13.9	16.0	22.3	23.7	19.3	19.3	1959
1960	17.8	21.2	20.4	16.5	20.2	19.8	15.2	14.7	16.3	21.8	25.3	16.5	19.1	1960
1961	19.7	19.8	19.8	16.5	18.3	19.4	15.0	15.5	15.0	18.3	18.1	15.6	17.8	1961
1962	20.3	19.4	20.0	13.3	17.6	16.3	15.8	19.0	13.6	15.0	15.1	10.0	16.3	1962
1963	11.4	11.4	13.0	12.9	13.1	11.7	11.3	12.8	18.0	23.1	24.7	22.6	15.5	1963
1964	23.1	23.2	24.1	20.9	15.8	13.3	22.0	7.19	14.8	22.9	14.9	14.7	18.1	1964
1965	12.5	23.0	18.8	17.3	12.2	20.5	21.9	10.9	19.3	22.2	25.9	18.3	18.5	1965
1966	19.9	21.7	22.6	22.1	17.5	20.8	19.6	9.80	19.6	15.9	20.8	14.6	18.7	1966
1967	16.1	15.4	21.3	15.9	14.0	16.7	11.2	8.71	7.79	7.25	8.66	5.80	12.2	1967
1968	5.49	4.92	4.17	4.32	4.36	4.37	4.39	4.46	6.09	6.17	5.50	5.88	5.01	1968
1969	5.81	5.38	5.31	5.10	5.20	6.28	5.67	6.12	7.08	7.11	7.36	6.56	6.08	1969
1970	6.23	6.23	7.44	7.93	7.80	7.08	6.66	6.51	6.59	6.80	6.80	7.38	6.94	1970
1971	7.68	7.47	6.80	6.80	6.95	6.95	6.95	6.56	6.47	6.68	6.66	6.68	6.13	1971
1972	6.68	6.68	6.68	6.68	4.93	0.818	0	0	0	0	0	0	2.36	1972
MEAN	16.8	16.2	16.3	16.3	16.8	16.2	15.2	13.7	16.5	18.4	18.8	15.0	16.3	MEAN

LOCATION - LAT 49 45 50 N
LONG 94 33 20 W REGULATED

LAKE OF THE WOODS OUTLET AT MILL 'C' KEEWATIN - STATION NO. OSPE004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	---	---	---	1914
1915	---	24.8 ON DEC 12	0.142 ON MAY 31	517 000	1915
1916	---	31.4 ON SEP 21	3.00 ON MAY 21	854 000	1916
1917	---	31.7 ON NOV 24	0 ON JUN 7 *	581 000	1917
1918	---	35.1 ON FEB 11	0 ON JUL 24	587 000	1918
1919	---	32.3 ON JUL 25	0 ON OCT 4	588 000	1919
1920	---	29.7 ON JUL 3	0 ON JUL 28	424 000	1920
1921	---	31.1 ON APR 18	0 ON APR 3	525 000	1921
1922	---	32.0 ON NOV 10	0 ON JUN 2	584 000	1922
1923	---	32.0 ON SEP 20	0 ON MAY 27	618 000	1923
1924	---	31.7 ON JUL 7	0 ON SEP 4	684 000	1924
1925	---	---	---	---	1925
1926	---	32.6 ON NOV 1	0 ON JAN 1	480 000	1926
1927	---	39.4 ON MAY 2	0 ON APR 24	837 000	1927
1928	---	26.9 ON JUN 30	0 ON MAR 25	510 000	1928
1929	---	34.8 ON JAN 24	0 ON MAY 19	482 000	1929
1930	---	25.6 ON APR 21	0 ON FEB 9	489 000	1930
1931	---	24.7 ON OCT 22	0 ON JAN 1	531 000	1931
1932	---	23.3 ON MAR 24	0 ON APR 16	342 000	1932
1933	---	29.4 ON APR 18	0 ON FEB 28	378 000	1933
1934	---	27.4 ON NOV 2	0 ON APR 21	404 000	1934
1935	---	23.9 ON JAN 24	0 ON JUN 28	325 000	1935
1936	---	28.6 ON NOV 6	0 ON MAR 22	390 000	1936
1937	---	27.8 ON JAN 20	0 ON APR 3	385 000	1937
1938	---	39.8 ON JUL 18	0 ON MAR 31	471 000	1938
1939	---	30.6 ON DEC 2	0 ON FEB 4	509 000	1939
1940	---	27.4 ON MAY 14	0 ON JAN 1	481 000	1940
1941	---	41.3 ON NOV 13	0 ON APR 13	885 000	1941
1942	---	31.1 ON DEC 9	0 ON JAN 4	838 000	1942
1943	---	41.9 ON MAY 14 *	3.11 ON OCT 10	906 000	1943
1944	---	37.9 ON JUN 15	0 ON APR 23	753 000	1944
1945	---	40.2 ON APR 25	0 ON JUN 3	854 000	1945
1946	---	31.1 ON MAY 10	0 ON JUN 9	843 000	1946
1947	---	40.2 ON JUN 14	0 ON AUG 3	880 000	1947
1948	---	39.1 ON MAY 10	0 ON SEP 2	546 000	1948
1949	---	25.9 ON FEB 3	0 ON MAY 23	483 000	1949
1950	---	38.5 ON MAY 16	0 ON OCT 8	825 000	1950
1951	---	33.1 ON MAY 21	0 ON JUL 17	575 000	1951
1952	---	29.4 ON FEB 18	0 ON JUN 25	548 000	1952
1953	---	28.7 ON MAR 19	0 ON AUG 19	487 000	1953
1954	---	38.5 ON JUN 4	0 ON JUL 30	533 000	1954
1955	---	28.5 ON DEC 15	3.11 ON JAN 1	520 000	1955
1956	---	34.8 ON APR 16	3.11 ON JAN 1	808 000	1956
1957	---	29.2 ON FEB 4	0.283 ON JUL 3	547 000	1957
1958	---	33.1 ON JUL 5	0 ON JUL 28	825 000	1958
1959	---	29.4 ON FEB 19	3.11 ON JAN 1	809 000	1959
1960	---	30.6 ON MAR 24	0 ON JUL 25	805 000	1960
1961	---	28.9 ON SEP 27	0 ON JUL 24	583 000	1961
1962	---	33.4 ON JUN 7	3.11 ON JAN 1	513 000	1962
1963	---	27.5 ON DEC 15	3.11 ON JAN 1	490 000	1963
1964	---	31.1 ON OCT 6	0 ON AUG 5	572 000	1964
1965	---	32.6 ON JUN 21	3.11 ON JAN 1	583 000	1965
1966	---	30.9 ON MAR 22	0 ON AUG 15	590 000	1966
1967	---	25.4 ON MAR 15	2.84 ON MAR 18	386 000	1967
1968	---	6.82 ON AUG 28	3.79 E ON MAR 13	159 000	1968
1969	---	7.36 ON OCT 29	5.10 E ON MAR 24	192 000	1969
1970	---	7.93 ON MAR 10	6.23 E ON JAN 1	218 000	1970
1971	---	7.65E ON JAN 1	4.81 ON APR 14	183 000	1971
1972	---	5.68E ON JAN 1	0 ON JUN 8	74 800	1972
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		513 000	MEAN

E - ESTIMATED

LAKE OF THE WOODS OUTLET AT MINK CREEK - STATION NO. OSPE005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	3.11	3.02	2.87	3.11	2.96	3.11	3.11	3.11	---	1913
1914	3.11	3.40	2.76	2.69	3.21	7.32	7.80	5.10	5.02	5.89	5.51	5.64	4.88	1914
1915	4.84	4.81	4.62	5.12	4.43	5.30	5.84	4.63	4.48	4.50	3.87	4.31	4.70	1915
1916	4.34	4.39	4.13	4.65	7.39	8.99	11.0	8.34	6.25	4.87	4.48	3.94	5.18	1916
1917	3.63	4.07	4.84	0.699	0.142	0.142	0.142	0.142	0.142	---	---	---	---	1917
1972	2.88	2.73	2.67	2.55	2.38	2.12	2.78	2.84	2.81	2.75	2.69	2.83	2.82	1972
1973	2.56	2.44	2.31	2.34	2.41	2.53	2.49	2.98	3.53	3.70	3.71	3.67	2.89	1973
1974	3.59	3.48	3.34	3.30	3.71	3.90	3.84	3.80	3.80	3.72	3.65	3.59	3.65	1974
1975	3.48	3.37	3.18	3.05	3.66	3.85	3.88	3.74	3.63	3.54	3.42	3.34	3.61	1975
1976	3.22	3.08	2.97	3.07	3.27	3.34	3.42	3.38	3.24	2.53	0.619	1.65	2.81	1976
1977	1.50	1.47	1.46	1.48	1.40	1.31	1.85	1.63	1.70	1.86	3.28	3.67	1.87	1977
1978	3.58	3.40	3.17	3.14	3.49	3.76	3.84	3.88	3.85	3.73	3.58	3.47	3.57	1978
1979	3.35	3.22	3.11	3.18	3.67	3.73	3.79	3.88	3.84	3.33	3.31	3.28	3.43	1979
1980	3.28	3.24	3.13	3.08	3.17	3.14	3.11	3.07	3.03	3.03	3.08	3.02	3.11	1980
1981	2.90	2.78	2.76	2.78	2.84	3.27	3.52	3.51	3.48	3.47	3.42	3.38	3.19	1981
1982	3.28	3.14	3.08	3.18	3.62	3.77	3.82	3.84	3.73	3.77	3.88	3.85	3.58	1982
1983	3.71	3.64	3.41	3.34	3.35	3.45	3.67	3.67	3.84	3.86	3.85	3.85	3.58	1983
1984	3.60	3.47	3.34	3.32	3.43	3.81	3.80	3.78	3.55	3.47	3.50	3.48	3.63	1984
MEAN	3.35	3.30	3.18	3.00	3.27	3.75	3.95	3.80	3.45	3.58	3.50	3.50	3.57	MEAN

LOCATION - LAT 49 45 44 N
LONG 94 33 38 W REGULATED

LAKE OF THE WOODS OUTLET AT MINK CREEK - STATION NO. 05PE005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	9.05 ON JUL 15	2.69 ON MAR 17	154 000	1914
1915	---	7.93 ON JUN 30	1.78 ON SEP 20	148 000	1915
1916	---	11.8 ON JUN 30 *	3.82 ON DEC 26	195 000	1916
1917	---	6.37 ON MAR 4	0.142 ON APR 7	---	1917
1972	---	3.14 ON JAN 25	1.42 E ON MAR 21	82 800	1972
1973	---	3.79 ON OCT 29	1.65 ON JUL 6	91 100	1973
1974	---	3.96 ON JUN 27	3.20 ON APR 10	115 000	1974
1975	---	3.96 ON JUL 2	2.94 ON APR 13	111 000	1975
1976	---	3.45 ON JUL 3	0 ON OCT 27 *	88 800	1976
1977	---	3.74 ON NOV 22	1.13 ON MAY 28	58 800	1977
1978	---	3.94 ON JUL 28	3.03 ON MAR 31	113 000	1978
1979	---	3.82 ON JUL 2	3.06 ON APR 10	108 000	1979
1980	---	3.28 ON JAN 1	2.94 ON SEP 13	98 400	1980
1981	---	3.58 ON JUL 7	2.72 ON MAR 23	101 000	1981
1982	---	4.00 ON JUL 10	3.06 ON MAR 20	113 000	1982
1983	---	3.78 ON JAN 1	3.30 ON MAY 12	112 000	1983
1984	---	3.84 ON JUL 18	3.26 ON MAR 28	111 000	1984
				113 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LAKE OF THE WOODS WESTERN OUTLET AT NORMAN DAM AND POWERHOUSE - STATION NO. 05PE011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	453	491	387	377	314	158	157	157	---	1913
1914	157	188	221	225	302	484	510	436	305	255	212	210	290	1914
1915	218	217	212	343	459	505	655	518	290	206	185	187	335	1915
1916	198	314	362	454	820	993	1 040	921	737	526	485	402	614	1916
1917	380	461	510	493	277	185	123	140	136	126	122	121	253	1917
1918	116	120	232	142	123	130	135	139	143	136	134	129	140	1918
1919	131	133	333	433	248	257	757	705	471	389	258	204	383	1919
1920	213	281	413	473	578	540	495	323	251	170	134	133	334	1920
1921	189	167	175	524	561	339	235	194	178	171	165	155	253	1921
1922	158	161	159	387	629	615	402	343	262	163	133	126	295	1922
1923	128	124	268	454	289	184	195	174	148	128	124	117	195	1923
1924	111	108	103	108	104	111	117	118	116	106	98 9	99 8	108	1924
1925	78 E	0.228	0	0	0	0	0	0	0	0	0	0	6 52	1925
1926	0	0	43 1	125	147	128	272	140	98 7	403	484	292	177	1926
1927	287	380	416	859	1 140	1 240	1 230	866	282	136	167	175	584	1927
1928	172	225	253	277	184	307	468	174	134	449	390	317	279	1928
1929	293	314	392	291	189	141	119	151	185	180	192	180	218	1929
1930	191	185	177	179	160	151	147	148	131	99 5	83 7	91 7	145	1930
1931	33 9	35 8	36 1	61 3	11 8	1 70	1 70	1 70	1 70	1 70	1 70	25 0	17 7	1931
1932	34 4	21 3	1 70	14 7	57 5	48 2	80 6	74 3	112	162	153	135	74 6	1932
1933	138	164	280	493	245	85 4	103	153	139	132	157	174	188	1933
1934	186	179	199	178	180	153	142	127	117	163	158	173	163	1934
1935	138	128	141	150	154	147	351	158	160	156	154	187	187	1935
1936	196	250	286	179	175	178	165	177	163	170	163	173	189	1936
1937	147	145	153	180	167	165	302	489	262	169	182	192	215	1937
1938	148	133	134	166	995	1 180	755	133	157	165	170	171	380	1938
1939	169	161	199	211	179	187	185	185	143	141	182	148	169	1939
1940	157	155	176	190	187	155	142	128	124	122	126	117	148	1940
1941	119	128	151	150	141	111	142	186	312	1 120	956	531	339	1941
1942	318	202	177	176	235	268	174	155	437	189	183	173	224	1942
1943	177	225	243	184	530	1 080	1 050	238	178	188	188	186	375	1943
1944	183	194	193	191	189	919	878	840	940	175	252	424	455	1944
1945	339	289	278	704	937	395	187	152	155	173	190	147	330	1945
1946	184	178	188	415	585	207	187	180	145	170	194	181	232	1946
1947	205	263	309	306	289	935	727	284	198	248	201	189	348	1947
1948	208	216	273	419	848	259	188	203	195	204	207	187	283	1948
1949	176	187	185	184	170	144	145	157	188	190	200	191	178	1949
1950	197	212	217	218	1 010	1 320	1 410	1 370	1 050	427	281	377	676	1950
1951	365	386	356	357	828	554	258	175	179	198	228	365	352	1951
1952	423	383	359	278	148	118	177	182	176	158	163	182	228	1952
1953	161	141	137	137	92 2	95 8	182	187	186	186	180	169	155	1953
1954	185	174	258	300	788	1 130	577	176	182	181	177	138	355	1954
1955	143	147	143	109	104	40 8	128	151	137	104	148	178	127	1955
1956	186	319	461	576	388	481	263	228	182	181	171	201	302	1956
1957	261	234	188	119	143	129	572	173	124	176	202	229	213	1957
1958	233	200	194	147	143	118	88 7	73 8	128	80 8	72 0	82 4	130	1958
1959	88 1	122	116	124	75 0	68 7	68 9	89 5	111	180	180	209	121	1959
1960	204	198	194	156	149	149	132	144	149	128	122	113	153	1960
1961	101	100	119	79 0	82 0	88 0	92 2	115	118	132	146	182	114	1961
1962	190	222	214	185	148	1 090	841	1 050	618	389	215	237	434	1962
1963	217	185	171	158	170	211	352	389	214	235	228	233	232	1963
1964	236	243	195	182	148	288	761	249	422	941	479	288	389	1964
1965	314	348	412	461	484	824	532	207	208	487	768	409	483	1965
1966	481	531	881	925	1 200	1 230	772	251	248	266	278	258	591	1966
1967	242	243	268	205	190	239	321	225	231	246	247	247	242	1967
1968	247	242	233	181	141	560	957	719	664	629	809	548	483	1968
1969	556	699	712	578	312	666	333	462	389	343	381	484	490	1969
1970	471	476	474	388	625	1 180	1 050	276	287	289	461	515	550	1970
1971	687	657	604	496	284	257	208	230	182	204	923	573	484	1971
1972	693	592	652	894	386	215	180	181	245	255	272	276	384	1972
1973	310	334	278	132	85 4	85 8	38 7	31 0	139	284	530	433	223	1973
1974	427	437	419	430	762	1 140	696	235	266	309	373	417	509	1974
1975	418	500	541	476	337	284	636	275	188	181	231	290	381	1975
1976	337	344	338	300	207	141	139	138	137	108	93 5	134	201	1976
1977	177	190	130	45 0	33 2	27 9	27 8	27 7	138	609	794	834	283	1977
1978	648	562	583	442	191	483	597	352	569	349	338	338	450	1978
1979	328	317	306	350	785	754	367	236	233	226	222	222	382	1979
1980	242	281	335	264	90 3	47 5	46 7	47 2	47 2	48 9	143	266	155	1980
1981	285	276	210	126	89 3	140	218	126	158	192	232	234	187	1981
1982	348	339	227	219	274	568	358	352	257	332	485	822	383	1982
1983	587	518	482	385	184	107	183	201	208	255	323	333	313	1983
1984	411	422	418	269	251	304	328	253	211	191	221	234	284	1984
MEAN	248	255	273	290	338	386	375	272	240	243	258	250	287	MEAN

LOCATION - LAT 49 48 15 N
LONG 94 31 25 W REGULATED

LAKE OF THE WOODS WESTERN OUTLET AT NORMAN DAM AND POWERHOUSE - STATION NO. OSPE011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	527 ON JUN 24	153 ON FEB 1	9 140 000	1914
1915	---	588 ON JUL 28	187 ON NOV 23	10 800 000	1915
1916	---	1 070 ON JUN 30	187 ON JAN 21	19 400 000	1916
1917	---	547 ON MAR 14	112 ON JUN 21	7 980 000	1917
1918	---	396 ON MAR 28	108 ON FEB 18	4 420 000	1918
1919	---	821 ON JUL 7	129 ON JAN 1	11 400 000	1919
1920	---	597 ON MAY 5	126 ON DEC 21	10 600 000	1920
1921	---	603 ON APR 19	148 ON DEC 27	7 970 000	1921
1922	---	643 ON MAY 18	124 ON NOV 29	9 310 000	1922
1923	---	547 ON APR 5	111 ON DEC 18	6 140 000	1923
1924	---	141 ON JUL 6	94.3 ON NOV 25	3 420 000	1924
1925	---	95.6 ON JAN 1	0 ON MAR 1 *	206 000	1925
1926	---	640 ON OCT 23	0 ON JAN 1	5 590 000	1926
1927	---	1 280 ON JUN 8	1.70 ON DEC 25	18 400 000	1927
1928	---	725 ON JUN 26	1.70 ON JUN 17	8 830 000	1928
1929	---	453 ON MAR 14	6.34 ON JUL 21	6 890 000	1929
1930	---	243 ON FEB 22	1.84 ON SEP 14	4 580 000	1930
1931	---	186 ON APR 1	1.70 ON JAN 3	559 000	1931
1932	---	220 ON NOV 16	1.70 ON FEB 16	2 380 000	1932
1933	---	629 ON MAY 2	1.70 ON MAY 26	5 940 000	1933
1934	---	214 ON DEC 1	1.70 ON JAN 14	5 140 000	1934
1935	---	564 ON JUL 24	1.70 ON JAN 5	5 270 000	1935
1936	---	379 ON MAR 3	1.70 ON APR 5	5 950 000	1936
1937	---	530 ON JUL 26	1.70 ON JAN 23	8 780 000	1937
1938	---	1 210 ON MAY 22	1.70 ON JAN 9	11 400 000	1938
1939	---	292 ON APR 3	1.70 ON JAN 1	5 340 000	1939
1940	---	213 ON MAR 20	1.70 ON JAN 6	4 680 000	1940
1941	---	1 230 ON OCT 14	5.10 ON JUL 1	10 700 000	1941
1942	---	575 ON SEP 15	1.70 ON JUN 29	7 050 000	1942
1943	---	1 230 ON JUL 2	1.70 ON JAN 1	11 800 000	1943
1944	---	1 220 ON AUG 27	1.70 ON JAN 1	14 400 000	1944
1945	---	1 180 ON APR 26	1.70 ON JUL 15	10 400 000	1945
1946	---	711 ON MAY 27	1.70 ON JUN 30	7 300 000	1946
1947	---	1 230 ON JUN 20	1.70 ON JAN 1	11 000 000	1947
1948	---	1 150 ON MAY 10	1.70 ON SEP 6	8 940 000	1948
1949	---	219 ON JUL 2	1.70 ON APR 24	5 580 000	1949
1950	---	1 430 ON JUL 22 *	103 ON NOV 19	21 300 000	1950
1951	---	861 ON MAY 10	38.2 ON OCT 7	11 100 000	1951
1952	---	478 ON JAN 5	1.70 ON JUL 1	7 220 000	1952
1953	---	218 ON SEP 12	1.70 ON JAN 1	4 880 000	1953
1954	---	1 180 ON JUN 8	1.70 ON SEP 6	11 200 000	1954
1955	---	209 ON DEC 30	1.70 ON JAN 1	4 020 000	1955
1956	---	629 ON MAY 8	9.91 ON SEP 3	9 580 000	1956
1957	---	688 ON AUG 1	1.70 ON JUN 2	8 720 000	1957
1958	---	243 ON JAN 3	1.70 ON JUL 14	4 090 000	1958
1959	---	238 ON NOV 11	1.70 ON JAN 11	3 810 000	1959
1960	---	227 ON JAN 8	1.70 ON APR 17	4 840 000	1960
1961	---	223 ON DEC 12	1.70 ON JAN 8	3 590 000	1961
1962	---	1 240 ON AUG 23	1.70 ON MAY 5	13 700 000	1962
1963	---	586 ON JUN 29	1.70 ON APR 28	7 320 000	1963
1964	---	1 210 ON OCT 6	20.6 ON MAY 31	11 800 000	1964
1965	---	977 ON OCT 21	55.5 ON AUG 29	14 300 000	1965
1966	---	1 250 ON MAY 22	142 ON AUG 21	18 700 000	1966
1967	---	398 ON JUL 7	121 ON SEP 4	7 640 000	1967
1968	---	1 210 ON JUL 22	98.0 ON APR 14	15 800 000	1968
1969	---	835 ON JUN 13	112 ON MAY 26	15 400 000	1969
1970	---	1 250 ON JUL 1	143 ON SEP 7	17 300 000	1970
1971	---	1 150 ON NOV 25	142 ON SEP 8	14 800 000	1971
1972	---	716 ON MAR 17	94.3 ON JUL 1	12 100 000	1972
1973	---	549 ON NOV 10	1.98 ON JUL 10	7 020 000	1973
1974	---	1 210 ON JUN 27	202 ON AUG 15	16 100 000	1974
1975	---	1 020 ON JUL 12	155 ON SEP 1	11 400 000	1975
1976	---	362 ON FEB 18	80.8 ON OCT 13	8 380 000	1976
1977	---	1 020 ON NOV 29	25.7 ON MAY 13	7 890 000	1977
1978	---	773 ON JUL 4	139 ON MAY 19	14 200 000	1978
1979	---	861 ON JUN 6	210 ON NOV 12	11 400 000	1979
1980	---	340 ON FEB 19	26.8 ON JUL 1	4 880 000	1980
1981	---	298 ON JAN 29	47.6 ON MAY 12	5 810 000	1981
1982	---	641 ON DEC 3	178 ON APR 11	11 500 000	1982
1983	---	621 ON JAN 1	97.0 ON JUN 6	9 860 000	1983
1984	---	434 ON MAR 23	175 ON OCT 28	9 300 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		9 040 000	MEAN

LAKE ST JOSEPH DIVERSION AT ROOT PORTAGE - STATION NO 05OB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	0	0	0	0	0	0	0	0	14.9	23.8	121	94.8	21.2	1957
1958	57.1	18.8	26.8	59.7	75.3	89.8	97.2	103	103	113	122	120	82.5	1958
1959	109	97.9	86.8	81.3	91.3	47.0	0	5.04	0.697	151	162	145	81.4	1959
1960	123	105	87.2	77.4	85.3	117	134	124	114	97.0	87.6	90.0	104	1960
1961	80.1	71.4	64.3	56.8	66.7	79.8	74.8	64.0	52.9	44.1	37.5	35.8	60.8	1961
1962	30.5	28.6	29.2	30.4	43.0	74.8	86.6	2.37	0	87.5	152	138	58.9	1962
1963	120	105	91.9	83.7	88.7	56.3	0	0	0	151	134	110	78.3	1963
1964	91.7	78.7	67.7	58.8	84.5	117	21.1	38.3	14.6	0	0	0	47.5	1964
1965	59.1	120	101	90.8	108	134	37.2	120	170	120	0	0	87.8	1965
1966	0	0	0	0	0	0	0	62.1	136	122	103	89.2	42.8	1966
1967	77.9	69.5	61.7	59.1	76.4	105	117	122	112	94.2	81.8	71.9	87.6	1967
1968	65.1	58.1	54.2	56.4	84.3	73.9	0	0	0	0	0	0	32.6	1968
1969	0	0	57.7	104	116	147	181	106	0	0	0	0	58.7	1969
1970	0	0	113	111	112	128	93.7	52.5	173	170	5.77	0	80.3	1970
1971	0	0	78.7	130	146	152	143	134	116	111	36.4	0	87.7	1971
1972	0	0	0	58.9	138	137	126	120	122	135	139	121	81.7	1972
1973	107	94.5	84.7	77.0	84.5	85.5	98.6	117	129	132	134	130	108	1973
1974	119	103	93.2	84.8	92.1	0	0	0	0	120	170	157	78.3	1974
1975	131	110	95.1	82.1	101	125	125	127	124	109	88.2	85.5	110	1975
1976	76.2	66.7	58.3	63.2	77.9	73.5	73.1	84.8	56.2	48.3	42.1	36.9	61.4	1976
1977	32.0	31.9	30.7	31.4	44.0	51.7	65.3	69.6	83.0	59.8	0	0	41.7	1977
1978	67.6	134	108	87.2	98.0	37.5	57.0	39.6	189	183	135	115	102	1978
1979	96.2	83.9	74.4	67.9	94.5	118	122	89.8	130	137	156	154	109	1979
1980	137	118	98.8	88.1	95.1	91.8	81.0	71.9	70.7	73.1	72.0	87.4	88.5	1980
1981	83.4	59.2	53.6	51.2	55.5	59.0	60.2	55.3	46.7	40.5	39.1	41.3	52.1	1981
1982	40.4	43.1	45.0	45.7	74.8	92.2	4.54	132	86.7	148	122	72.9	75.6	1982
1983	61.9	60.2	57.3	54.2	55.1	52.9	57.2	59.7	59.1	85.6	86.8	75.2	62.1	1983
1984	66.8	62.6	55.6	54.4	72.8	104	32.4	31.8	103	112	97.0	90.3	73.6	1984
MEAN	84.8	81.6	83.3	85.9	80.7	83.9	67.5	67.6	78.8	93.1	83.7	72.9	73.7	MEAN

LOCATION - LAT 50 52 10 N
LONG 91 27 30 W REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

REMARKS - LAKE ST JOSEPH HAS TWO OUTLETS THIS DIVERSION CONTRIBUTES FLOW TO THE ENGLISH RIVER SYSTEM

LAKE ST JOSEPH DIVERSION AT ROOT PORTAGE - STATION NO 05OB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	148 ON SEP 21	0 ON JAN 1 *	688 000	1957
1958	---	125 ON NOV 5	16.5 ON MAR 23	2 800 000	1958
1959	---	178 ON OCT 10	0 ON JUN 5	2 570 000	1959
1960	---	137 ON JUL 13	7.08 ON JUN 2	3 300 000	1960
1961	---	85.0 ON JAN 1	5.89 ON MAY 26	1 920 000	1961
1962	---	180 ON OCT 21	0 ON MAY 31	1 800 000	1962
1963	---	191 ON OCT 6	0 ON JUN 15	2 470 000	1963
1964	---	150 ON AUG 30	0 ON JUL 18	1 500 000	1964
1965	---	196 ON AUG 13	0 ON JAN 1	2 770 000	1965
1966	---	163 ON AUG 21	0 ON JAN 1	1 350 000	1966
1967	---	127 ON AUG 17	56.6 ON APR 12	2 780 000	1967
1968	---	133 ON JUN 18	0 ON JUN 20	1 030 000	1968
1969	---	189 ON AUG 9	0 ON JAN 1	1 880 000	1969
1970	---	181 ON AUG 27	0 ON JAN 1	2 530 000	1970
1971	---	159 ON MAY 24	0 ON JAN 1	2 770 000	1971
1972	---	148 ON MAY 28	0 ON JAN 1	2 900 000	1972
1973	---	138 ON OCT 23	73.3 ON APR 13	3 350 000	1973
1974	---	193 ON NOV 8	0 ON MAY 27	2 470 000	1974
1975	---	142 ON JAN 1	78.4 ON APR 21	3 480 000	1975
1976	---	83.5 ON JUN 23	5.04 ON JUN 3	1 940 000	1976
1977	---	83.4 ON OCT 11	0 ON OCT 22	1 320 000	1977
1978	---	200 ON AUG 28 *	0 ON JAN 1	3 220 000	1978
1979	---	180 ON NOV 28	0 ON AUG 10	3 430 000	1979
1980	---	148 ON JAN 1	83.3 ON DEC 30	2 800 000	1980
1981	---	85.8 ON JAN 7	35.5 ON NOV 9	1 840 000	1981
1982	---	192 ON AUG 9	0 ON JUN 28	2 380 000	1982
1983	---	98.0 ON OCT 28	50.7 ON JUN 22	1 980 000	1983
1984	---	141 ON SEP 14	12.7 ON AUG 29	2 330 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 330 000	MEAN

LAKE ST JOSEPH OUTFLOW TO ALBANY RIVER - STATION NO 04GA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1935	---	---	34.2	41.1	82.4	94.4	39.1	82.1	180	185	189	151	---	1935
1936	112	82.2	85.9	70.7	124	128	38.1	39.8	35.7	33.8	40.5	43.1	67.8	1936
1937	43.1	42.9	43.5	44.5	80.1	239	100	82.8	58.6	49.4	82.2	52.5	75.7	1937
1938	47.9	81.4	76.4	86.0	185	173	146	108	125	53.9	52.2	53.6	95.8	1938
1939	54.9	57.9	58.1	58.1	57.7	77.8	229	58.6	80.4	121	78.5	87.3	83.6	1939
1940	58.4	62.2	58.2	61.8	82.1	82.9	59.2	55.1	28.4	31.0	21.7	18.7	48.3	1940
1941	21.4	57.7	80.0	80.5	80.8	81.3	71.4	34.8	137	264	135	104	89.1	1941
1942	70.8	68.4	61.8	56.4	50.3	33.5	34.0	75.5	284	180	73.4	77.4	87.0	1942
1943	77.3	75.2	72.3	58.4	37.3	107	185	133	111	150	92.6	89.0	98.3	1943
1944	97.9	72.9	43.7	34.3	15.8	180	86.0	102	55.0	51.3	42.0	79.4	71.6	1944
1945	80.3	48.9	54.8	100	87.7	98.7	187	43.7	83.5	89.5	52.8	55.5	75.2	1945
1946	85.4	55.4	55.3	55.7	251	250	250	177	45.5	50.3	83.1	104	120	1946
1947	89.6	68.2	68.2	68.9	66.4	237	192	108	87.2	42.3	49.3	55.1	94.0	1947
1948	55.6	80.7	83.0	80.5	62.9	80.2	154	83.6	69.0	55.6	54.3	55.4	69.8	1948
1949	49.6	45.7	51.0	59.6	53.7	55.0	49.4	77.1	84.8	48.5	133	129	68.4	1949
1950	86.6	92.9	108	103	128	317	371	200	79.3	85.4	113	122	152	1950
1951	102	110	90.2	74.2	65.8	84.9	145	48.4	34.0	53.7	62.2	62.0	77.5	1951
1952	81.6	81.7	80.6	80.3	80.3	80.0	241	99.9	33.2	50.4	79.8	72.4	78.7	1952
1953	70.1	74.0	74.1	100	78.1	193	387	149	54.2	57.2	57.5	57.5	113	1953
1954	58.7	51.5	98.7	130	217	401	180	87.6	51.4	48.6	54.6	107	122	1954
1955	94.6	75.3	102	117	51.0	180	106	49.6	51.7	50.9	52.1	53.8	80.2	1955
1956	50.6	71.0	112	107	88.7	245	132	55.9	47.8	41.1	52.4	50.3	86.0	1956
1957	51.9	49.4	50.9	50.5	52.3	120	188	57.8	38.6	38.3	35.3	28.1	62.0	1957
1958	19.8	15.5	14.8	10.1	0	0	0.842	0	0.193	0.258	0	1.41	5.44	1958
1959	2.41	2.41	2.28	0.425	0.425	305	351	248	189	3.38	0.826	2.41	92.4	1959
1960	2.41	2.41	1.88	1.11	0.425	0.425	0.425	0.425	2.15	0.747	0.425	0.425	1.10	1960
1961	0.635	1.44	1.35	0.425	0.424	0.517	1.38	0.425	0.880	0.425	0.425	0.754	0.758	1961
1962	0.850	0.850	0.802	0.425	0.735	3.74	1.17	4.08	103	58.8	1.02	0.425	15.1	1962
1963	1.48	2.41	1.99	0.425	0.425	0.425	117	154	80.0	1.42	1.45	1.88	30.5	1963
1964	2.88	2.83	2.83	1.81	0.594	0.425	0.425	0.425	99.8	300	227	61.8	58.4	1964
1965	26.0	80.3	0.850	0.850	0.507	0.425	5.85	28.7	1.42	1.42	74.2	182	31.8	1965
1966	128	78.5	78.5	101	148	322	262	52.1	1.42	1.42	1.42	1.42	98.0	1966
1967	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1967
1968	1.42	1.42	1.42	1.42	1.42	1.42	223	179	287	185	287	244	113	1968
1969	70.5	84.5	102	1.42	1.42	1.42	10.1	85.8	133	299	215	169	88.0	1969
1970	100	14.1	1.42	1.42	1.42	1.42	1.42	0.495	0	2.72	107	115	29.0	1970
1971	114	107	51.8	0	0	0	0	0	0	0	0	52.3	28.7	1971
1972	77.6	77.1	75.2	86.1	0	0	0	0	0	0	0	0	24.5	1972
1973	0	0	0	0	0	0	0	0	0	0	0	0	0	1973
1974	0	0	0	0	8.81	433	329	50.0	204	29.4	3.05	0	88.0	1974
1975	0	0	0	0	0	0	0	0	0	0	0	0	0	1975
1976	0	0	0	0	0	0	0	0	0	0	0	0	0	1976
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	1977
1978	0	0	0	0	0	0	118	130	0.400	0	0	0	21.1	1978
1979	0	0	0	0	0	0	0	0	0	0	0	0	0	1979
1980	0	0	0	0	0	0	0	0	0	0	0	0	0	1980
1981	0	0	0	0	0	0	0	0	0	0	0	0	0	1981
1982	0	0	0	0	0	0	0	0	0	0	0	0	0	1982
1983	0	0	0	0	0	0	0	0	0	0	0	0	0	1983
1984	0	0	0	0	0	0	0	0	0	0	0	0	0	1984
MEAN	41.4	39.1	38.0	38.9	42.8	89.4	98.3	58.2	57.2	52.7	50.9	50.7	54.1	MEAN

REGULATED SINCE 1958

DATA CONTRIBUTED BY - ONTARIO HYDRO

REMARKS - FORMERLY CALLED "ALBANY RIVER AT OUTLET OF LAKE ST JOSEPH" SUM OF FLOWS THROUGH CEDAR AND RAT RAPIDS DAMS

LAKE ST JOSEPH OUTFLOW TO ALBANY RIVER - STATION NO 04GA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1935	---	200 ON JUN 23	---	---	1935
1936	---	175 ON JUN 4	26 6 ON OCT 7	2 140 000	1936
1937	---	259 ON JUN 7	33 7 ON DEC 25	2 390 000	1937
1938	---	227 ON JUN 23	34 6 ON DEC 25	3 020 000	1938
1939	---	311 ON JUL 12	40 6 ON SEP 4	2 640 000	1939
1940	---	65 7 ON FEB 19	13 5 ON SEP 15	1 530 000	1940
1941	---	257 ON SEP 28	14 6 ON JAN 5	2 810 000	1941
1942	---	340 ON SEP 12	23 9 ON JUL 26	3 740 000	1942
1943	---	183 ON JUL 14	27 8 ON MAY 23	3 100 000	1943
1944	---	223 ON JUN 19	2 83 ON MAY 13	2 280 000	1944
1945	---	259 ON JUL 12	14 2 ON AUG 11	2 370 000	1945
1946	---	309 ON MAY 17	0 ON OCT 9 *	3 780 000	1946
1947	---	309 ON JUN 16	28 6 ON OCT 20	2 880 000	1947
1948	---	215 ON JUL 10	38 5 ON NOV 2	2 210 000	1948
1949	---	184 ON NOV 16	5 88 ON OCT 3	2 180 000	1949
1950	---	388 ON JUL 17	64 6 ON SEP 7	4 780 000	1950
1951	---	182 ON JUL 10	28 0 ON AUG 13	2 440 000	1951
1952	---	309 ON JUL 25	2 83 ON SEP 20	2 480 000	1952
1953	---	419 ON JUL 10	28 3 ON AUG 18	3 560 000	1953
1954	---	422 ON JUN 9	22 7 ON SEP 30	3 850 000	1954
1955	---	266 ON JUN 9	45 9 ON MAY 6	2 530 000	1955
1956	---	314 ON JUN 5	1 42 ON OCT 3	2 720 000	1956
1957	---	263 ON JUN 30	17 0 ON SEP 8	1 980 000	1957
1958	---	27 3 ON APR 15	0 ON APR 21	172 000	1958
1959	---	518 ON AUG 28	0 425 ON MAR 25	2 910 000	1959
1960	---	21 8 ON SEP 21	0 425 ON APR 18	34 700	1960
1961	---	20 0 ON JUL 23	0 396 ON MAY 4	24 200	1961
1962	---	149 ON SEP 17	0 425 ON MAR 29	476 000	1962
1963	---	181 ON JUL 24	0 425 ON JAN 1	862 000	1963
1964	---	345 ON OCT 6	0 425 ON MAY 13	1 850 000	1964
1965	---	172 ON DEC 4	0 425 ON MAY 7	986 000	1965
1966	---	391 ON JUN 10	1 42 ON AUG 11	3 090 000	1966
1967	---	1 42 ON JAN 1	1 42 ON JAN 1	44 800	1967
1968	---	294 ON NOV 5	1 42 ON JAN 1	3 570 000	1968
1969	---	379 ON OCT 12	1 42 ON JAN 15	3 090 000	1969
1970	---	121 ON JAN 1	0 ON AUG 13	916 000	1970
1971	---	116 ON JAN 2	0 ON MAR 17	843 000	1971
1972	---	146 ON APR 11	0 ON APR 20	773 000	1972
1973	---	0 ON JAN 1	0 ON JAN 1	0	1973
1974	---	541 ON JUN 12 *	0 ON JAN 1	2 770 000	1974
1975	---	0 ON JAN 1	0 ON JAN 1	0	1975
1976	---	0 ON JAN 1	0 ON JAN 1	0	1976
1977	---	0 ON JAN 1	0 ON JAN 1	0	1977
1978	---	183 ON AUG 8	0 ON JAN 1	885 000	1978
1979	---	0 ON JAN 1	0 ON JAN 1	0	1979
1980	---	0 ON JAN 1	0 ON JAN 1	0	1980
1981	---	0 ON JAN 1	0 ON JAN 1	0	1981
1982	---	0 ON JAN 1	0 ON JAN 1	0	1982
1983	---	0 ON JAN 1	0 ON JAN 1	0	1983
1984	---	0 ON JAN 1	0 ON JAN 1	0	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 710 000	MEAN

LARDER RIVER ABOVE RAVEN LAKE - STATION NO 02JC010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	---	---	0.239R	0.248R	---	1981
1982	0.340	0.584	1.18	4.95	13.0	3.79	0.484	0.416	0.343	0.570	2.48	2.88	2.51	1982
1983	2.30	1.72	1.73	4.90	13.0	8.93	0.651	0.577	1.14	0.811	0.540	0.555	3.08	1983
1984	0.658	0.795	1.35	12.1	8.71	2.33	5.68	2.11	0.963	0.881	1.67	2.75	3.33	1984
MEAN	1.10	1.03	1.42	7.32	11.8	4.68	2.27	1.03	0.815	0.687	1.21 R	1.61 R	2.97	MEAN

LOCATION - LAT 48 01 38 N DRAINAGE AREA, 256 km^2
LONG 79 34 41 W REGULATED

R - REVISED RINCE JAN 1980

LARDER RIVER ABOVE RAVEN LAKE - STATION NO 02JC010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	1981
1982	22.4 AT 15:07 EST ON MAY 8	21.4 ON MAY 8	0.273 ON OCT 2 *	78 200	1982
1983	20.1 AT 17:44 EST ON MAY 31	18.5 ON JUN 1	0.493 ON JUL 1	84 500	1983
1984	24.0 AT 15:13 EST ON APR 19 *	23.7 ON APR 20 *	0.8008 ON JAN 1	105 000	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		93 800	MEAN

LAUREL CREEK AT WATERLOO - STATION NO. 02GA024

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	0.185	0.210	0.098	0.108	0.238	0.367	0.434	---	1959
1960	0.302	0.443	0.700	2.29	0.931	0.382	0.121	0.154	0.092	0.129	0.248	0.138	0.492	1960
1961	0.118	0.807	0.820	0.657	0.428	0.194	0.176	0.134	0.137	0.076	0.301	0.335	0.353	1961
1962	0.188	0.145	1.29	0.598	0.098	0.185	0.116	0.138	0.075	0.202	0.354	0.375	0.311	1962
1963	0.205	0.156	1.52	0.585	0.464	0.085	0.075	0.135	0.088	0.086	0.155	0.044	0.302	1963
1964	0.420	0.227	0.878	0.648	0.298	0.162	0.189	0.441	0.118	0.120	0.144	0.559	0.352	1964
1965	0.532	1.87	0.921	2.37	0.461	0.076	0.139	0.125	0.076	0.490	0.544	0.907	0.689	1965
1966	0.250	0.526	0.911	0.447	0.377	0.220	0.056	0.132	0.064	0.115	0.595	0.951	0.385	1966
1967	0.831	0.367	0.778	1.55	0.271	0.800	0.441	0.228	0.261	0.414	0.943	0.915	0.632	1967
1968	0.311	1.07	1.30	0.343	0.311	0.265	0.118	0.884	0.550	0.440	0.500	0.523	0.551	1968
1969	0.888	0.691	1.07	0.956	0.704	0.240	0.218	0.120	0.337	0.171	0.308	0.436	0.484	1969
1970	0.213	0.236	0.701	0.888	0.315	0.125	0.568	0.150	0.362	0.511	0.487	0.680	0.438	1970
1971	0.218	0.416	0.897	1.33	0.254	---	---	---	---	---	0.362	0.623	---	1971
1972	0.450	0.227	1.04	1.91	0.385	0.455	0.311	0.170	0.207	0.488	0.838	0.702	0.595	1972
1973	0.872	0.531	2.18	0.738	0.601	0.227	0.175	0.231	0.140	0.243	0.836	0.487	0.591	1973
1974	0.828	0.584	1.48	1.05	1.48	0.325	0.228	0.101	0.132	0.418	0.451	0.209	0.606	1974
1975	0.824	0.493	0.833	0.888	0.322	0.441	0.135	1.02	0.450	0.270	0.728	0.565	0.584	1975
1976	0.383	1.29	1.90	0.909	0.622	0.178	0.186	0.183	0.186	0.262	0.635	0.185	0.570	1976
1977	0.100	0.218	1.50	0.846	0.173	0.146	0.233	0.361	0.633	0.774	0.613	0.823	0.530	1977
1978	0.362	0.219	0.588	1.78	0.488	0.087	0.073	0.163	0.339	0.219	0.694	0.353	0.451	1978
1979	0.310	0.137	1.68	1.18	0.555	0.215	0.165	0.127	0.180	0.220	0.871	0.801	0.533	1979
1980	0.401	0.185	1.10	0.826	0.328	0.267	0.159	0.124	0.190	0.235	0.354	0.514	0.390	1980
1981	0.104	1.09	0.543	0.203	0.220	0.188	0.111	0.158	0.408	0.744	0.608	0.227	0.380	1981
1982	0.214	0.148	1.43	1.75	0.138	0.415	0.229	0.499	0.439	0.541	1.13	1.55	0.708	1982
1983	0.487	0.692	0.551	0.771	0.808	0.375	0.208	0.257	0.227	0.315	0.803	0.727	0.537	1983
1984	0.284	1.72	1.14	0.608	0.358	0.472	0.178	0.161	0.381	0.247	0.881	0.698	0.584	1984
MEAN	0.378	0.578	1.11	1.04	0.458	0.285	0.193	0.255	0.245	0.319	0.584	0.571	0.502	MEAN

LOCATION - LAT 43 28 08 N
LONG 80 31 08 W
DRAINAGE AREA, 59.6 km²
REGULATED

LAUREL CREEK AT WATERLOO - STATION NO. 02GA024

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1959	---	---	---	---	1959
1960	13.6 AT 22:00 EST ON MAR 30	8.72 ON MAR 31	0.011 ON JUL 6	15 500	1960
1961	16.0 AT 08:00 EST ON FEB 23	7.50 ON FEB 23	0.011 ON SEP 29	11 100	1961
1962	10.2 AT 13:00 EST ON JUN 10	3.51 ON MAR 25	0 ON MAY 27 *	9 820	1962
1963	14.0 AT 20:00 EST ON MAR 25	5.83 ON MAR 25	0 ON JUL 7	9 520	1963
1964	17.6 AT 05:20 EST ON AUG 3	4.42 ON DEC 25	0.003 ON OCT 4	11 100	1964
1965	45.0 E AT 17:50 EST ON FEB 10 *	17.4 E ON FEB 10 *	0.006 ON JUN 25	22 100	1965
1966	6.57 AT 19:50 EST ON DEC 7	5.86 ON DEC 7	0 ON OCT 3	12 100	1966
1967	28.7 AT 01:40 EST ON APR 3	12.8 ON APR 3	0.017 ON OCT 5	19 900	1967
1968	37.1 AT 03:15 EST ON AUG 5	13.7 ON AUG 5	0.020 ON APR 3	17 400	1968
1969	7.70 AT 18:05 EST ON JAN 30	4.70 ON JAN 30	0.034 ON AUG 14	15 300	1969
1970	7.79 AT 15:05 EST ON AUG 12	2.13 ON APR 9	0.027 ON JUN 14	13 800	1970
1971	7.28E AT 03:00 EST ON APR 2	5.78E ON APR 2	---	---	1971
1972	13.4 AT 12:01 EST ON JUN 21	5.60 ON APR 13	0.085 ON SEP 21	14 900	1972
1973	10.9 AT 12:55 EST ON MAR 11	5.32 ON MAR 11	0.051 ON SEP 28	18 700	1973
1974	18.2 AT 23:52 EST ON MAY 18	12.3 ON MAY 17	0.045 ON OCT 5	19 100	1974
1975	43.3 AT 04:19 EST ON AUG 24	14.5 ON AUG 24	0.024 ON JUL 6	17 600	1975
1976	17.6 AT 18:01 EST ON JUL 7	4.78 ON MAR 20	0.027 ON OCT 2	16 000	1976
1977	24.5 AT 18:58 EST ON AUG 16	5.72 ON MAR 13	0.034 ON MAY 31	16 700	1977
1978	10.7 AT 09:24 EST ON SEP 17	3.23 ON APR 11	0 ON JUN 3	14 200	1978
1979	12.1 AT 09:30 EST ON APR 14	9.33 ON APR 14	0.035 ON OCT 31	18 800	1979
1980	17.0 AT 13:18 EST ON MAR 21	8.75 ON MAR 21	0.024 ON SEP 29	12 300	1980
1981	---	4.05E ON FEB 18	0.020 ON AUG 1	12 000	1981
1982	27.2 AT 17:55 EST ON SEP 14	10.6 ON MAR 31	0.037 ON MAY 26	22 300	1982
1983	14.0 AT 04:45 EST ON JUL 29	2.59 ON FEB 3	0.034 ON JUL 24	15 900	1983
1984	9.43 AT 03:12 EST ON FEB 14	7.08 ON FEB 14	0.085 ON MAY 15	18 500	1984
				15 600	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE CASTOR RIVER NEAR EMBRUN - STATION NO. 02LB016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	1.89	0.885	1.00	5.44	0.817	0.149	0.050	0.028	0.018	0.044	0.033	0.019	1.15	1978
1979	0.057	0.084	4.38	2.40	0.389	0.173	0.058	0.060	0.401	0.348	0.885	2.00	0.848	1979
1980	0.405	0.078	2.80	2.43	0.456	0.089	0.042	0.030	0.052	0.168	0.478	0.778	0.654	1980
1981	0.078	4.97	0.830	0.889	0.651	1.24	1.18	1.22	1.84	1.80	1.44	0.340	1.33	1981
1982	0.200	0.088	1.25	5.60	0.244	0.189	0.088	0.122	0.058	0.072	0.891	2.48	0.847	1982
1983	0.617	0.782	2.28	3.15	1.55	0.194	0.061	0.032	0.023	0.087	1.48	2.11	1.02	1983
MEAN	0.535	1.10	2.09	4.02	0.885	0.338	0.243	0.248	0.385	0.420	0.850	1.28	1.01	MEAN

LOCATION - LAT 45 18 17 N
LONG 75 13 06 W
DRAINAGE AREA, 76.1 km²
NATURAL FLOW

REMARKS - STATION DISCONTINUED DEC 31 1983

LITTLE CASTOR RIVER NEAR EMBRUN - STATION NO. 02LB018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	29.7 B ON APR 14	0.0048 ON DEC 22 *	36 400	1978
1979	---	28.2 B ON MAR 25	0.025 ON JUL 24	28 900	1979
1980	---	29.7 B ON MAR 22	0.015 ON SEP 8	20 700	1980
1981	---	26.5 B ON FEB 21	0.0608 ON JAN 25	41 800	1981
1982	---	41.6 B ON APR 1 *	0.030 ON AUG 17	29 800	1982
1983	11.5 AT 01:48 EST ON APR 11 *	9.23 ON DEC 15	0.014 ON SEP 10	32 200	1983
				31 800	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE CURRENT RIVER AT PERCY LAKE - STATION NO. 04JF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	106	145	144	85.4	58.8	71.0	44.3	---	1968
1969	31.2	23.9	18.5	18.0	134	237	147	108	75.1	57.0	52.6	47.6	80.0	1969
1970	28.5	20.3	15.4	13.2	88.7	109	84.5	43.8	58.1	120	113	52.5	60.8	1970
1971	30.7	22.3	17.7	17.4	133	115	42.3	33.9	31.2	84.0	---	---	---	1971
1972	30.0	21.5	16.6	14.4	102	71.7	42.9	39.7	42.2	59.0	53.0	31.1	43.8	1972
1973	20.9	16.9	15.2	19.5	128	79.8	116	116	56.3	53.4	52.4	33.8	59.8	1973
1974	24.7	20.5	18.7	17.3	168	278	104	66.4	76.0	67.8	54.4	38.7	78.2	1974
1975	29.9	23.5	19.6	17.1	99.0	168	104	47.4	34.2	36.0	46.8	28.2	54.7	1975
1976	19.5	16.1	14.7	26.4	127	66.8	48.9	29.8	26.1	27.3	23.7	17.0	37.2	1976
1977	17.1	15.0	13.6	28.5	126	86.0	123	49.7	89.1	63.7	64.8	41.9	56.9	1977
1978	22.6	15.7	13.8	13.7	76.8	168	90.3	63.0	57.3	50.6	39.5	25.7	53.3	1978
1979	17.2	12.7	12.6	20.8	112	93.5	54.2	37.5	53.1	44.9	47.9	35.5	45.4	1979
1980	26.4	20.2	15.7	18.7	138	56.1	25.3	19.4	19.4	38.5	55.5	32.6	39.0	1980
1981	20.6	15.6	16.1	19.8	72.7	85.2	51.7	22.7	11.5	7.71	6.39	6.63	28.1	1981
1982	6.84	5.93	6.59	7.19	111	91.6	70.9	47.7	36.8	51.6	53.8	32.4	43.9	1982
1983	19.1	14.6	13.6	12.1	67.4	87.1	80.7	37.6	23.2	42.1	67.1	40.1	38.7	1983
1984	22.5	17.0	14.8	27.0	130	128	71.7	52.9	32.7	28.8	35.7	32.0	50.4	1984
MEAN	23.0	17.7	15.2	18.8	111	117	82.7	56.4	48.5	53.7	52.4	33.8	51.4	MEAN

LOCATION - LAT 50 38 30 N DRAINAGE AREA, 5 360 km^2
LONG 88 31 55 W NATURAL FLOW

LITTLE CURRENT RIVER AT PERCY LAKE - STATION NO. 04JF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	300 AT 05:00 EST ON JUN 12	300 ON JUN 12	14.7 B ON APR 16	2 830 000	1969
1970	140 AT 00:28 EST ON OCT 20	140 ON OCT 20	12.7 B ON APR 23	1 920 000	1970
1971	183 AT 14:30 EST ON MAY 29	181 ON MAY 28	---	---	1971
1972	142 AT 18:08 EST ON MAY 19	141 ON MAY 19	14.1 B ON APR 19	1 380 000	1972
1973	170 AT 22:28 EST ON AUG 2	169 ON AUG 2	14.6 B ON APR 17	1 680 000	1973
1974	388 AT 11:24 EST ON MAY 31 *	386 ON MAY 29 *	16.9 B ON APR 26	2 470 000	1974
1975	263 AT 18:11 EST ON JUN 20	263 ON JUN 20	16.4 B ON APR 24	1 720 000	1975
1976	---	144 E ON MAY 11	14.3 B ON MAR 28	1 180 000	1976
1977	154 AT 15:22 EST ON MAY 7	153 ON MAY 8	13.0 B ON APR 5	1 780 000	1977
1978	196 AT 01:49 EST ON JUN 15	196 ON JUN 14	13.0 B ON APR 24	1 680 000	1978
1979	151 AT 16:29 EST ON MAY 22	150 ON MAY 23	11.0 B ON MAR 11	1 430 000	1979
1980	174 AT 15:18 EST ON MAY 14	173 ON MAY 14	12.1 B ON APR 16	1 230 000	1980
1981	94.1 AT 18:13 EST ON MAY 11	93.1 ON JUN 10	6.08 ON DEC 12 *	885 000	1981
1982	170 AT 11:30 EST ON MAY 22	170 ON MAY 22	6.40E ON JAN 1	1 380 000	1982
1983	99.4 AT 16:45 EST ON JUL 11	98.0 ON JUL 11	11.6 B ON APR 15	1 250 000	1983
1984	151 AT 18:17 EST ON MAY 8	151 ON MAY 10	13.6 B ON APR 6	1 590 000	1984
				1 620 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

LITTLE DON RIVER AT DON MILLS - STATION NO. 02HC029

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	---	0.368	0.529	1.06	---	1964
1965	1.06	2.56	2.26	1.92	0.635	0.421	0.525	0.375	0.452	0.946	1.32	1.20	1.12	1965
1966	0.738	1.01	2.22	0.858	0.701	0.519	0.320	0.384	0.440	0.480	1.38	1.84	0.889	1966
1967	0.751	0.760	2.47	2.09	0.923	0.942	0.843	0.724	0.720	1.17	1.25	1.52	1.18	1967
1968	0.850	1.96	4.07	1.07	1.12	0.785	0.538	0.630	0.810	0.805	1.12	0.955	1.21	1968
1969	1.79	0.810	2.29	2.35	1.48	0.732	0.889	0.663	0.447	0.867	0.988	0.866	1.13	1969
1970	0.500	0.814	1.81	2.04	1.16	0.589	0.926	0.841	0.740	0.885	1.04	1.03	1.03	1970
1971	0.755	1.50	2.76	2.53	0.767	0.722	1.09	1.05	0.642	0.675	0.688	1.63	1.23	1971
1972	1.37	0.892	2.75	5.51	0.866	1.09	0.890	0.892	0.952	1.18	1.58	1.87	1.65	1972
1973	1.77	1.57	4.40	2.44	1.53	1.04	0.855	0.750	0.706	1.04	1.57	1.30	1.56	1973
1974	2.34	1.46	2.71	2.61	2.57	1.34	0.568	0.578	0.712	0.585	1.01	0.791	1.44	1974
1975	1.16	3.04	2.11	2.23	1.25	0.927	0.599	0.789	0.677	0.595	0.878	0.861	1.27	1975
1976	0.693	2.55	3.59	1.70	1.82	1.52	1.79	1.56	1.05	0.974	0.705	0.737	1.55	1976
1977	0.540	1.15	3.25	1.73	0.851	1.24	1.44	1.23	2.10	1.87	2.19	2.84	1.71	1977
1978	1.53	0.824	3.54	3.56	1.86	0.721	0.625	1.03	1.64	1.20	1.39	1.51	1.62	1978
1979	2.13	1.41	5.17	3.15	1.88	1.36	1.01	1.17	1.06	1.39	1.71	2.20	1.97	1979
1980	1.71	0.482	3.54	3.46	1.21	1.39	2.03	0.916	0.818	1.35	1.00	1.53	1.63	1980
1981	0.673	4.76	1.05	1.09	1.50	1.22	1.22	1.73	2.27	2.49	1.54	0.868	1.68	1981
1982	1.20	0.894	5.07	2.17	0.916	2.05	0.921	1.40	1.56	1.03	2.33	2.43	1.82	1982
1983	1.31	1.89	1.98	2.55	2.33	0.894	0.642	1.14	0.963	1.42	1.97	1.88	1.58	1983
1984	0.717	4.47	3.09	2.04	1.93	1.15	1.02	1.22	1.76	0.869	1.70	1.48	1.77	1984
MEAN	1.18	1.73	3.01	2.35	1.36	1.03	0.917	0.953	1.04	1.04	1.33	1.43	1.45	MEAN

LOCATION - LAT 43 45 27 N DRAINAGE AREA, 130 km²
LONG 79 20 42 W NATURAL FLOW

LITTLE DON RIVER AT DON MILLS - STATION NO. 02HC029

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	---	28.1 E ON FEB 10	0.185 ON JUN 27 *	35 400	1965
1966	---	12.0 ON DEC 10	0.238 ON AUG 1	28 000	1966
1967	20.8 AT 08:30 EST ON APR 3	12.2 ON APR 3	0.381 ON SEP 6	37 300	1967
1968	25.7 AT 17:20 EST ON MAR 16	19.1 E ON FEB 2	0.311 ON JUL 30	38 200	1968
1969	24.3 AT 13:23 EST ON APR 18	15.3 ON APR 18	0.340 ON AUG 29	35 800	1969
1970	---	8.47 ON APR 2	0.385 ON JUL 7	32 600	1970
1971	30.9E ON JUL 6	17.1 ON APR 2	0.368E ON JUL 3	38 900	1971
1972	---	21.2 E ON APR 13	0.413 ON AUG 21	52 200	1972
1973	---	16.0 E ON FEB 2	0.323 ON AUG 16	49 400	1973
1974	68.5 AT 04:26 EST ON MAR 5	28.6 ON MAR 5	0.287 ON AUG 22	45 400	1974
1975	57.1 AT 23:10 EST ON FEB 24	37.1 ON FEB 24	0.244 ON AUG 19	40 100	1975
1976	45.9 AT 15:22 EST ON AUG 26	17.0 E ON MAR 20	0.2978 ON JAN 18	49 200	1976
1977	---	16.7 E ON MAR 13	0.389 ON JUL 23	53 900	1977
1978	38.9 AT 21:43 EST ON SEP 18	13.5 ON APR 7	0.445 ON JUL 19	51 200	1978
1979	33.3 AT 13:18 EST ON MAR 4	19.5 ON MAR 4	0.627 ON SEP 29	62 200	1979
1980	76.2 AT 01:55 EST ON JUL 29	37.8 E ON MAR 21	0.2258 ON FEB 3	51 700	1980
1981	48.5 AT 09:36 EST ON FEB 11	22.7 ON FEB 11	0.549 ON JUL 11	52 900	1981
1982	48.7 AT 18:37 EST ON SEP 14	21.3 ON MAR 13	0.482B ON FEB 11	57 400	1982
1983	30.1 AT 18:47 EST ON AUG 27	13.6 ON NOV 16	0.454 ON SEP 6	49 700	1983
1984	93.9 AT 08:25 EST ON FEB 14 *	51.0 ON FEB 14 *	0.530B ON JAN 22	56 100	1984
				45 800	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

LITTLE DON RIVER NEAR LANSING - STATION NO. 02HC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	1.11	0.882	0.445	---	1945
1946	---	---	6.18	0.883	0.783	0.447	0.235	0.281	0.311	0.504	0.464	0.529	---	1946
1947	---	---	3.90	2.92	0.796	1.18	0.610	0.338	0.288	0.404	0.643	0.484	---	1947
1948	0.256	0.821	3.12	0.857	0.580	0.647	0.382	0.217	0.170	0.382	0.446	0.396	0.691	1948
1949	0.698	1.80	1.00	0.519	0.308	0.155	0.187	0.151	0.243	0.424	0.341	0.818	0.546	1949
1950	1.35	0.601	4.32	2.55	0.481	0.316	0.260	0.253	0.310	0.434	0.540	0.918	1.03	1950
1951	1.11	2.34	3.59	2.89	0.484	0.271	0.332	0.146	0.258	0.344	0.637	0.517	1.08	1951
1952	1.58	2.63	4.46	2.82	0.752	0.330	0.299	0.277	0.487	0.281	0.321	0.723	1.24	1952
1953	1.04	0.980	1.28	0.673	0.834	0.338	0.343	0.185	0.248	0.261	0.367	0.372	0.576	1953
1954	0.287	2.71	---	---	---	---	---	---	---	5.77	0.822	0.887	---	1954
1955	1.40	0.807	3.48	1.41	0.383	0.272	0.323	0.440	0.425	0.608	0.850	0.493	0.916	1955
1956	0.737	0.572	4.36	3.30	1.04	0.465	0.468	1.34	0.582	0.584	0.619	1.31	1.29	1956
1957	2.13	2.53	1.48	2.08	1.22	1.39	0.407	0.336	0.374	0.640	0.666	1.87	1.25	1957
1958	0.572	1.56	2.15	0.688	0.424	0.348	0.290	0.478	0.926	0.577	0.838	0.803	0.764	1958
1959	0.559	0.597	5.48	2.24	0.936	0.388	0.442	0.402	0.686	0.611	2.41	1.22	1.33	1959
1960	1.12	1.56	3.51	5.37	3.34	0.535	0.618	0.308	0.235	0.373	0.491	0.301	1.48	1960
1961	0.247	0.489	2.60	2.16	1.03	0.450	0.388	0.261	0.330	0.401	0.567	0.488	0.778	1961
1962	0.462	0.512	3.35	0.683	0.383	0.462	0.271	0.297	0.402	0.585	0.874	0.470	0.728	1962
1963	0.497	0.387	1.98	0.547	1.11	0.335	0.329	0.680	0.487	0.325	0.553	0.419	0.635	1963
1964	1.09	0.459	1.71	0.940	0.493	0.344	0.578	0.666	0.348	0.343	0.453	0.530	0.674	1964
MEAN	0.886	1.26	3.21	1.88	0.850	0.479	0.382	0.391	0.391	0.747	0.873	0.680	0.837	MEAN

LOCATION - LAT 43 46 20 N DRAINAGE AREA, 119 km²
LONG 79 21 55 W NATURAL FLOW

LITTLE DON RIVER NEAR LANSING - STATION NO. 02HC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	35.7 ON MAR 11	0.227 ON JUL 4	---	1946
1947	---	38.8 ON MAR 26	0.142 ON MAY 7	---	1947
1948	---	27.8 ON MAR 19	0.142 ON OCT 1	21 800	1948
1949	---	13.8 ON FEB 15	0.057 ON MAR 1	17 200	1949
1950	58.6R AT 18:00 EST ON MAR 24 *	35.1 ON APR 4	0.113 ON AUG 6	32 600	1950
1951	---	36.8 ON MAR 19	0.057 ON AUG 11	33 600	1951
1952	---	39.1 ON MAR 11	0.057 ON DEC 4	39 200	1952
1953	---	8.07 ON FEB 21	0.028 ON JUN 30 *	18 100	1953
1954	---	---	---	---	1954
1955	---	27.9 ON MAR 11	0.113 ON JAN 17	28 900	1955
1956	---	25.0 ON MAR 7	0.142 ON JUN 8	40 700	1956
1957	---	36.2 ON JAN 22	0.142 ON JUL 29	39 400	1957
1958	---	14.5 ON FEB 28	0.142 ON JUN 28	24 100	1958
1959	---	28.6 ON NOV 4	0.266 ON AUG 16	42 100	1959
1960	58.3R AT 19:00 EST ON MAR 30	40.2 ON MAY 9 *	0.051 ON AUG 19	46 700	1960
1961	---	9.85 ON MAR 24	0.093 ON AUG 13	24 500	1961
1962	---	8.18B ON MAR 16	0.122 ON JUL 14	23 000	1962
1963	---	10.1 ON MAR 23	0.082 ON JUL 6	20 000	1963
1964	---	8.50E ON JUL 13	0.181 ON JUN 22	21 300	1964
				29 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

LITTLE FRENCH RIVER AT FREEFLOWING CHANNEL - STATION NO. 02DD018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	7.96	6.13	6.78	17.2	23.6	20.4	20.0	19.7	19.7	19.2	16.1	11.1	15.7	1980
1981	6.75	5.25	7.78	18.8	21.4	19.6	18.7	17.6	18.3	17.7	13.5	8.84	14.7	1981
MEAN	7.36	5.69	7.27	18.0	22.5	20.0	19.4	18.7	19.0	18.5	14.8	10.5	15.2	MEAN

LOCATION - LAT 46 08 31 N
LONG 80 06 52 W NATURAL FLOW

REMARKS - DISCHARGES SUMMED WITH THOSE AT 02DD016, 02DD017, 02DD019, TO GIVE FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO.02DD007

LITTLE FRENCH RIVER AT FREEFLOWING CHANNEL - STATION NO. 02DD018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	24.5 ON MAY 8 *	5.79 ON MAR 5	495 000	1980
1981	---	23.5 ON APR 29	4.79 ON FEB 19 *	462 000	1981
				478 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE FRENCH RIVER AT LITTLE CHAUDIERE DAM - STATION NO. 02DD019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	27.0	14.6	4.42	20.1	18.1	7.55	7.08	6.78	35.1	69.3	56.7	36.2	25.3	1980
1981	22.3	16.4	26.4	66.1	72.5	7.76	6.59	5.99	8.23	50.5	43.8	31.3	29.7	1981
MEAN	24.7	15.5	15.4	43.1	44.3	7.66	6.84	6.39	20.7	59.9	50.3	34.8	27.5	MEAN

LOCATION - LAT 46 08 40 N
LONG 80 07 41 W REGULATED SINCE 1918

REMARKS - DISCHARGES SUMMED WITH THOSE AT 02DD018, 02DD017, 02DD018, TO GIVE FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO. 02DD007

LITTLE FRENCH RIVER AT LITTLE CHAUDIERE DAM - STATION NO. 02DD019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	73.5 ON SEP 18	3.20 ON MAR 7 *	788 000	1980
1981	---	88.2 ON MAY 1 *	5.65 ON AUG 28	937 000	1981
				868 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE FRENCH RIVER AT OKIKENDAWT ISLAND - STATION NO. 02DD020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	27.4	18.9	15.8	36.2	48.8	18.7	18.7	15.7	15.2	35.0	80.1	51.8	31.2	1982
1983	57.1	33.7	33.8	87.6	107	90.5	22.9	20.4	19.6	61.2	57.4	47.2	51.7	1983
1984	27.7	22.5	22.3	42.7	71.4	70.1	26.4	24.5	29.7	76.4	76.4	62.0	46.0	1984
MEAN	37.4	25.0	24.3	48.8	75.8	59.8	22.7	20.2	21.5	57.5	64.6	56.9	43.0	MEAN

LOCATION - LAT 46 07 23 N
LONG 80 04 44 W

LITTLE FRENCH RIVER AT OKIKENDAWT ISLAND - STATION NO. 02DD020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	68.0 ON OCT 23	13.7 ON SEP 1 *	983 000	1982
1983	---	117 ON JUN 3 *	18.4 ON SEP 18	1 630 000	1983
1984	---	90.6 ON JUN 14	20.1 ON MAR 30	1 460 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 380 000	MEAN

LITTLE MAITLAND RIVER AT BLUEVALE - STATION NO. 02FE007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	4.34	8.92	8.67	---	1967
1968	4.04	13.7	14.8	5.45	3.54	1.75	0.832	2.64	1.61	3.03	5.71	7.44	5.32	1968
1969	6.61	5.85	9.34	19.1	9.19	2.29	0.890	0.401	0.192	0.587	2.95	2.28	4.95	1969
1970	1.38	1.94	2.97	15.6	3.31	1.00	1.44	0.814	0.587	1.10	2.17	2.94	3.07	1970
1971	2.33	3.48	7.89	18.9	2.02	1.54	0.801	0.373	0.343	0.259	0.467	2.04	3.33	1971
1972	3.11	1.98	5.75	21.1	2.75	3.11	1.86	0.476	0.315	1.58	2.75	5.54	4.24	1972
1973	11.0	4.12	17.4	6.40	5.26	2.34	0.578	0.415	0.160	0.297	2.05	3.11	4.45	1973
1974	8.99	4.44	14.0	12.0	10.9	1.84	0.683	0.237	0.158	0.300	1.89	1.21	4.73	1974
1975	4.25	4.59	9.62	18.9	3.32	1.89	0.773	8.63	5.13	2.69	3.26	8.32	5.93	1975
1976	5.23	12.0	32.0	8.70	5.84	0.930	2.42	0.580	1.22	1.79	2.59	2.40	6.31	1976
1977	1.54	1.70	25.2	8.11	1.30	0.561	0.565	3.74	4.54	7.90	6.78	6.70	5.80	1977
1978	3.21	2.41	5.87	20.7	3.68	1.82	0.551	0.301	0.908	1.66	1.78	2.46	3.77	1978
1979	3.89	1.65	22.4	17.6	4.18	1.17	0.604	0.382	0.240	1.21	5.14	9.07	5.66	1979
1980	2.72	1.25	12.1	12.7	2.82	1.50	0.818	0.832	1.30	3.13	2.20	4.62	3.85	1980
1981	1.29	15.2	6.80	4.05	3.57	1.20	0.463	0.548	2.38	6.41	4.57	3.25	4.06	1981
1982	2.30	1.18	12.8	32.7	1.69	3.44	0.875	0.814	1.03	0.789	8.31	13.0	5.57	1982
1983	3.94	5.17	4.86	6.02	6.06	2.29	0.514	0.500	1.36	2.59	4.27	5.77	3.69	1983
1984	2.98	19.1	8.55	8.24	1.90	2.97	0.873	0.368	0.735	0.632	4.86	9.12	4.90	1984
MEAN	4.05	5.68	12.6	13.7	4.20	1.85	0.879	1.28	1.30	2.25	3.98	5.66	4.73	MEAN

LOCATION - LAT 43 51 15 N DRAINAGE AREA, 326 km^2
LONG 81 15 00 W REGULATED

REMARKS - REGULATION DUE TO GRIST MILL

LITTLE MAITLAND RIVER AT BLUEVALE - STATION NO. 02FE007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	118 AT 20:00 EST ON FEB 2	83.3 ON FEB 2	0.082 ON AUG 3	186 000	1968
1969	124 AT 12:15 EST ON APR 5	74.5 ON APR 5	0.159 ON AUG 17	156 000	1969
1970	85.8 AT 01:00 EST ON APR 10	49.6 ON APR 10	0.088 ON JUL 4	87 000	1970
1971	49.8 AT 01:28 EST ON APR 10	47.0 ON APR 10	0.059 ON OCT 28 *	105 000	1971
1972	75.0 AT 12:08 EST ON APR 15	68.8 ON APR 15	0.105 ON OCT 6	134 000	1972
1973	86.8 AT 13:50 EST ON MAR 12	39.6 ON MAR 12	0.139 ON SEP 18	140 000	1973
1974	111 AT 18:10 EST ON MAY 17	83.8 ON MAR 5	0.102 ON SEP 2	149 000	1974
1975	186 AT 17:05 EST ON APR 18	167 ON APR 18	0.365 ON JUN 28	187 000	1975
1976	184 AT 15:51 EST ON MAR 21	171 ON MAR 21	0.082 ON JUN 4	199 000	1976
1977	201 B AT 19:36 EST ON MAR 13 *	172 B ON MAR 13 *	0.207 ON JUN 12	177 000	1977
1978	73.8 AT 01:07 EST ON APR 12	58.3 ON APR 12	0.232 ON AUG 23	119 000	1978
1979	132 AT 17:42 EST ON APR 14	114 ON APR 14	0.143E ON SEP 14	179 000	1979
1980	73.3 AT 22:57 EST ON MAR 21	63.6 ON MAR 22	0.355 ON JUN 11	122 000	1980
1981	88.7 AT 22:43 EST ON FEB 23	80.3 ON FEB 23	0.229 ON JUL 28	138 000	1981
1982	138 AT 02:56 EST ON APR 1	110 ON APR 1	0.383 ON AUG 19	207 000	1982
1983	22.0 AT 03:40 EST ON DEC 14	20.6 ON DEC 14	0.111E ON JUL 30	118 000	1983
1984	79.7 AT 05:18 EST ON DEC 30	71.7 ON DEC 30	0.259E ON AUG 29	155 000	1984
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		149 000	MEAN

LITTLE NORDIC CREEK AT ELLIOT LAKE - STATION NO. 02CD007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	0.046	0.026	0.141	0.169	0.114	0.048	0.009	0.011	0.020	0.076	0.076	0.031	0.064	1983
1984	0.017	0.032	0.050	0.133	0.066	0.050	0.004	0.026	0.060	0.078	0.199	0.101	0.068	1984
MEAN	0.032	0.029	0.096	0.151	0.090	0.050	0.007	0.019	0.040	0.077	0.138	0.066	0.066	MEAN

LOCATION - LAT 46 21 12 N DRAINAGE AREA, 4.58 km²
LONG 82 38 37 W

LITTLE NORDIC CREEK AT ELLIOT LAKE - STATION NO. 02CD007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	0.949E ON APR 14	0.001 ON AUG 13 *	2 020	1983
1984	3.06 AT 14:26 EST ON NOV 1 *	1.55 ON NOV 1 *	0.001 ON JUL 14	2 140	1984
				2 080	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE OTTER CREEK NEAR STRAFFORDVILLE - STATION NO. 02GC015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	0.405	0.478	0.442	---	1963
1964	0.784	0.555	1.51	1.67	1.16	0.565	0.437	1.44	0.698	0.567	0.572	1.16	0.927	1964
1965	1.26	2.83	4.08	3.58	1.06	0.606	0.417	0.448	0.558	1.12	1.12	1.66	1.55	1965
1966	0.956	1.62	2.26	1.81	1.23	0.880	0.385	0.456	0.523	0.583	0.980	2.84	1.19	1966
1967	1.52	1.40	1.90	2.37	1.54	1.01	0.686	0.498	0.513	0.825	0.946	1.80	1.23	1967
1968	1.12	2.81	2.22	1.47	0.945	1.44	0.930	0.756	0.933	0.863	1.56	1.56	1.38	1968
1969	3.13	2.10	1.54	3.21	2.50	1.33	0.821	0.595	0.580	0.659	1.26	1.22	1.57	1969
1970	0.841	1.31	1.85	1.88	1.02	0.640	0.720	0.486	0.557	0.729	1.79	1.95	1.15	1970
1971	1.07	1.72	2.97	1.84	0.924	0.647	0.398	0.411	0.499	0.526	0.561	0.838	1.03	1971
1972	1.08	0.887	4.24	2.98	1.82	1.14	1.22	0.611	0.543	0.882	1.05	1.91	1.50	1972
1973	1.58	1.25	4.30	2.54	1.35	0.944	0.545	0.512	0.460	0.583	1.20	1.59	1.41	1973
1974	2.32	2.01	2.92	2.12	2.26	1.04	0.727	0.565	0.539	0.594	0.933	1.14	1.43	1974
1975	1.63	1.96	2.97	2.03	1.04	1.12	0.514	0.673	1.33	0.998	1.38	1.92	1.46	1975
1976	1.71	3.80	5.08	2.42	2.20	0.946	0.929	0.787	0.630	0.749	0.827	0.802	1.73	1976
1977	0.592	0.773	3.20	2.63	1.20	0.678	0.547	0.566	2.16	2.27	1.66	3.41	1.85	1977
1978	2.06	1.41	3.70	3.59	1.96	0.963	0.578	0.642	0.878	0.972	1.05	1.31	1.59	1978
1979	1.62	1.40	3.38	3.78	1.73	0.949	0.590	0.932	0.750	1.04	2.09	2.87	1.76	1979
1980	1.92	1.15	2.04	3.10	1.91	1.36	1.12	0.911	1.18	1.80	1.34	1.41	1.59	1980
1981	0.678	3.34	1.82	1.95	1.27	0.990	0.696	0.808	1.18	1.77	1.46	1.22	1.42	1981
1982	1.35	0.839	4.80	3.17	1.40	2.17	0.871	0.798	0.880	0.891	2.34	3.13	1.89	1982
1983	1.86	2.02	1.55	2.23	2.47	1.10	0.897	2.12	0.837	0.868	1.42	3.13	1.71	1983
1984	1.22	4.17	3.44	3.38	2.46	1.84	0.948	0.765	1.26	1.08	1.50	1.82	1.98	1984
MEAN	1.44	1.86	2.94	2.58	1.59	1.06	0.713	0.752	0.834	0.915	1.25	1.76	1.48	MEAN

LOCATION - LAT 42 45 23 N DRAINAGE AREA, 104 km²
LONG 80 48 26 W REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

LITTLE OTTER CREEK NEAR STRAFFORDVILLE - STATION NO. 02GC015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	9.03 AT 18:00 EST ON AUG 23	7.73 ON AUG 23	0.246 ON JUL 31	28 300	1964
1965	15.8 E AT 18:00 EST ON MAR 5	15.5 ON MAR 6	0.229 ON JUL 31 *	48 900	1965
1966	10.7 AT 19:00 EST ON DEC 7	8.98 ON DEC 7	0.248 ON JUL 21	37 800	1966
1967	---	11.1 A ON DEC 22	0.360 ON AUG 2	38 900	1967
1968	13.2 B AT 18:00 EST ON FEB 2	12.3 B ON FEB 2	0.428B ON JAN 28	43 500	1968
1969	16.2 AT 22:44 EST ON JAN 30	13.8 ON JAN 30	0.530 ON AUG 15	49 800	1969
1970	6.29 AT 19:38 EST ON APR 2	5.38 ON DEC 4	0.374 ON AUG 10	36 200	1970
1971	10.8 AT 18:59 EST ON FEB 27	8.69 ON FEB 28	0.288 ON AUG 6	32 500	1971
1972	11.9 AT 00:44 EST ON MAR 3	10.3 ON MAR 3	0.450 ON AUG 22	47 500	1972
1973	9.94 AT 15:00 EST ON MAR 11	9.40 ON MAR 15	0.385 ON JUL 19	44 400	1973
1974	9.09 AT 05:49 EST ON MAR 5	8.41 ON MAR 5	0.436 ON AUG 26	45 100	1974
1975	8.61 AT 18:27 EST ON FEB 24	7.45 ON FEB 24	0.288 ON AUG 1	48 100	1975
1976	20.4 AT 23:00 EST ON MAR 5	16.1 ON MAR 5	0.624 ON SEP 8	54 800	1976
1977	16.8 AT 21:24 EST ON SEP 26	11.8 ON SEP 27	0.303 ON AUG 2	52 000	1977
1978	20.5 E AT 23:17 EST ON MAR 21	15.8 ON MAR 22	0.384 ON JUL 20	50 200	1978
1979	16.4 AT 02:08 EST ON MAR 5	12.4 ON MAR 5	0.309 ON JUL 23	55 100	1979
1980	7.10 AT 17:45 EST ON APR 15	6.87 ON APR 15	0.578 ON AUG 28	50 200	1980
1981	9.33 AT 04:01 EST ON FEB 18	8.42 ON FEB 18	0.458 ON JUL 19	44 700	1981
1982	25.5 E AT 08:47 EST ON MAR 14	20.4 E ON MAR 14	0.488 ON JUL 26	59 700	1982
1983	15.8 AT 13:08 EST ON AUG 11	10.0 ON AUG 12	0.328 ON JUL 28	53 800	1983
1984	37.0 AT 07:23 EST ON FEB 14 *	22.8 ON FEB 14 *	0.488 ON AUG 1	82 800	1984
				48 800	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LITTLE PIC RIVER NEAR COLDWELL - STATION NO. 02BA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	---	13.7	13.2	23.0	19.1	10.4	6.08	---	1972
1973	4.59	4.01	7.82	37.6	38.2	21.8	14.0	7.99	10.9	13.1	15.6	11.5	15.6	1973
1974	6.22	4.40	3.45	10.6	55.1	34.6	17.8	21.7	18.7	25.4	16.4	9.81	18.8	1974
1975	8.18	4.37	3.90	15.7	53.8	37.4	7.86	3.52	3.76	9.50	22.6	12.0	15.3	1975
1976	5.70	4.11	3.82	73.2	34.7	19.2	9.99	5.33	3.17	3.11	2.72	2.41	13.9	1976
1977	2.14	2.01	6.16	52.4	25.2	8.68	12.4	8.72	28.5	19.9	20.1	7.93	16.2	1977
1978	4.85	3.46	2.75	7.49	38.0	30.6	13.5	5.40	4.09	6.08	4.70	3.14	10.4	1978
1979	2.56	2.31	2.80	28.5	76.2	22.3	8.00	5.32	10.0	22.5	26.3	8.72	18.1	1979
1980	5.51	3.99	3.14	30.2	46.2	13.8	8.92	7.42	19.2	20.6	14.1	6.44	15.0	1980
1981	4.22	3.92	4.93	22.7	25.2	27.0	11.1	3.64	2.89	3.49	3.58	2.86	9.62	1981
1982	2.62	2.50	2.46	14.3	76.5	17.6	21.1	7.71	9.84	32.2	34.7	16.7	20.0	1982
1983	8.10	6.04	8.15	14.0	56.4	17.5	11.8	3.63	4.83	36.5	20.9	9.70	16.4	1983
1984	4.72	5.03	4.95	39.6	41.6	49.4	20.8	10.2	5.27	10.1	15.2	18.3	18.7	1984
MEAN	4.95	3.85	4.34	28.9	47.3	25.0	13.1	7.98	11.1	17.0	15.9	8.90	15.7	MEAN

LOCATION - LAT 48 50 57 N DRAINAGE AREA, 1 320 km²
LONG 88 36 26 W NATURAL FLOW

LITTLE PIC RIVER NEAR COLDWELL - STATION NO. 02BA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	---	108 E ON APR 21	3.858 ON FEB 26	493 000	1973
1974	99.1 AT 02:59 EST ON JUN 11	90.8 ON JUN 11	2.948 ON APR 10	592 000	1974
1975	---	119 E ON MAY 7	2.61 ON SEP 4	481 000	1975
1976	236 AT 18:09 EST ON APR 19	218 ON APR 19	2.22 ON NOV 8	439 000	1976
1977	---	156 E ON APR 23	1.978 ON MAR 4 *	510 000	1977
1978	86.4 AT 00:12 EST ON MAY 10	71.6 ON MAY 10	2.558 ON APR 5	328 000	1978
1979	272 AT 08:23 EST ON MAY 11 *	262 ON MAY 11 *	2.228 ON FEB 21	572 000	1979
1980	137 AT 02:25 EST ON MAY 1	132 ON MAY 1	2.958 ON MAR 23	474 000	1980
1981	54.6 AT 00:19 EST ON JUN 16	52.1 ON JUN 16	2.38 ON OCT 12	303 000	1981
1982	188 AT 23:52 EST ON MAY 5	189 ON MAY 6	2.438 ON MAR 10	631 000	1982
1983	110 AT 21:21 EST ON OCT 16	96.3 ON OCT 17	2.83 ON SEP 5	518 000	1983
1984	130 AT 07:00 EST ON JUN 11	124 ON JUN 11	3.938 ON FEB 10	593 000	1984
				495 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

LITTLE RIVER AT WINDSOR - STATION NO. 02GH011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	0.101	0.285	0.408	1.02	0.983	0.323	1.37	0.516	0.091	0.230	0.998	0.983	0.613	1983
1984	0.045	0.800	1.81	0.478	0.954	0.294	0.018	0.026	0.058	0.080	0.122	0.463	0.429	1984
MEAN	0.073	0.548	1.11	0.749	0.969	0.309	0.694	0.271	0.075	0.155	0.560	0.723	0.521	MEAN

LOCATION - LAT 42 18 34 N DRAINAGE AREA, 50.5 km²
LONG 82 55 44 W

LITTLE RIVER AT WINDSOR - STATION NO. 02GH011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	25.6 AT 13:29 EST ON MAY 2 *	15.0 ON MAY 2 -	0.020E ON SEP 14	19 300	1983
1984	---	21.1A ON MAR 21 *	0.004E ON JUL 20 *	13 600	1984
				18 500	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

LITTLE ROUGE CREEK AT ROUGE HILL - STATION NO. 02HC014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	1.78	1.83	0.418	0.823	0.226	0.092	0.288	0.412	0.641	1.84	---	1957
1958	0.307	0.518	1.95	0.801	0.274	0.195	0.180	0.148	0.440	0.283	0.605	0.308	0.501	1958
1959	0.413	0.518	1.83	4.19	0.479	0.204	0.138	0.178	0.212	0.328	0.474	0.413	0.778	1959
1960	0.220	0.772	0.954	7.87	4.48	0.805	0.268	0.288	0.197	0.228	0.426	0.290	1.38	1960
1961	0.100	0.464	1.20	1.58	0.706	0.812	0.363	0.153	0.148	0.188	0.321	0.378	0.518	1961
1962	0.407	0.348	1.90	0.811	0.240	0.185	0.113	0.108	0.142	0.307	0.578	0.534	0.472	1962
1963	0.222	0.170	3.05	1.05	1.74	0.159	0.118	0.158	0.183	---	---	---	---	1963
1964	1.09	0.372	2.28	0.548	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	8.05	---	---	---	---	---	---	---	---	---	1965
MEAN	0.394	0.460	1.87	2.58	1.18	0.383	0.198	0.162	0.230	0.291	0.508	0.627	0.730	MEAN

LOCATION - LAT 43 48 55 N DRAINAGE AREA, 106 km²
LONG 79 09 25 W NATURAL FLOW

LITTLE ROUGE CREEK AT ROUGE HILL - STATION NO. 02HC014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---	---	1957
1958	---	4.768 ON MAR 1	0.028 ON AUG 17	15 800	1958
1959	---	35.1 ON APR 1	0.082 ON APR 22	24 600	1959
1960	---	45.3 E ON MAY 9 *	0.028 ON OCT 10	43 600	1960
1961	25.7R AT 06:00 EST ON JUN 29 *	5.58 ON JUN 29	0.0288 ON JAN 24	15 300	1961
1962	---	4.138 ON MAR 24	0 ON JUL 13 *	14 900	1962
1963	---	---	---	---	1963
1964	---	12.5 ON MAR 12	0.1138 ON FEB 13	---	1964
1965	---	---	---	---	1965
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980		23 000	MEAN

LITTLE ROUGE CREEK AT SCARBOROUGH - STATION NO. 02HC104

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	2.09	0.556	0.491	0.228	0.159	0.294	0.545	0.805	---	1974
1975	---	---	---	---	1.10	0.204	---	---	---	0.251	0.373	0.883	---	1975
1976	---	---	---	1.17	1.42	0.315	0.766	0.766	0.265	0.413	0.485	0.353	---	1976
MEAN	---	---	---	1.17	1.54	0.358	0.639	0.507	0.212	0.319	0.461	0.680	---	MEAN

LOCATION - LAT 43 48 50 N, LONG 79 09 25 W
DRAINAGE AREA, 111 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

LITTLE ROUGE CREEK AT SCARBOROUGH - STATION NO. 02HC104

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	0.054 ON AUG 22 *	---	1974
1975	---	21.2 ON APR 19 *	---	---	1975
1976	---	---	0.074 ON JUN 13	---	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

LITTLE ROUGE CREEK NEAR LOCUST HILL - STATION NO. 02HC028

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	0.789R	0.328R	1.86 R	0.710	0.270	0.180	0.311	0.355	0.116	0.162	0.234	0.478R	0.485R	1964
1965	0.292R	1.29 R	0.908P	1.84 R	0.319	0.084	0.181	0.088	0.157	0.615	1.24	1.18	0.686R	1965
1966	0.603	0.852	1.88	0.810	0.420	0.124	0.049	0.089	0.145	0.133	0.424	0.877	0.548	1966
1967	0.572	0.319	1.94	1.62	0.438	0.800	0.994	0.817	0.358	1.18	1.48	1.22	0.878	1967
1968	0.541	0.783	4.05	0.778	0.521	0.234	0.127	0.175	0.195	0.205	0.570	0.841	0.729	1968
1969	0.438	0.355	1.68	2.05	1.07	0.221	0.128	0.152	0.108	0.177	0.347	0.277	0.584	1969
1970	0.226	0.267	0.982	2.02	0.440	0.118	0.310	0.157	0.202	0.175	0.388	0.823	0.491	1970
1971	0.205	0.306	1.42	3.28	0.214	0.153	0.407	0.348	0.227	0.171	0.247	1.00	0.684	1971
1972	0.520	0.242	0.804	5.36	0.388	0.193	0.153	0.167	0.132	0.324	0.882	0.825	0.788	1972
1973	0.792	0.814	4.28	1.74	0.641	0.388	0.173	0.219	0.114	0.208	0.781	0.543	0.875	1973
1974	0.851	0.630	1.28	1.93	1.38	0.459	0.638	0.188	0.167	0.247	0.444	0.428	0.733	1974
1975	0.878	2.06	1.53	1.71	0.489	0.187	0.107	0.107	0.158	0.175	0.274	0.327	0.841	1975
1976	0.223	3.14	3.61	1.02	0.808	0.248	0.830	0.547	0.257	0.365	0.288	0.219	0.940	1976
1977	0.178	0.258	3.08	0.857	0.224	0.157	0.378	0.327	1.08	1.30	1.58	1.75	0.935	1977
1978	1.17	0.500	2.37	4.34	1.41	0.186	0.088	0.188	0.287	0.347	0.387	0.400	0.975	1978
1979	1.01	0.391	3.84	1.82	0.813	0.190	0.160	0.181	0.197	0.672	1.11	1.66	0.984	1979
1980	0.782	0.131	2.04	2.54	0.380	0.211	0.427	0.200	0.280	0.537	0.480	0.880	0.751	1980
1981	0.284	1.58	0.584	0.529	0.697	0.256	0.152	0.554	1.12	1.40	1.09	0.510	0.720	1981
1982	1.23	0.290	3.82	1.23	0.308	1.04	0.521	0.286	0.440	0.821	2.08	2.06	1.17	1982
1983	0.748	1.24	1.44	1.78	1.46	0.275	0.131	0.194	0.208	0.341	1.05	1.11	0.827	1983
1984	0.389	3.82	2.32	1.55	1.01	0.283	0.192	0.217	0.482	0.317	0.904	1.08	1.02	1984
MEAN	0.601R	0.814R	2.17 R	1.89 R	0.644	0.288	0.298	0.288	0.305	0.459	0.780	0.858R	0.787	MEAN

LOCATION - LAT 43 54 28 N, LONG 79 12 58 W
DRAINAGE AREA, 77.7 km^2
NATURAL FLOW

R - REVISED SINCE JAN 1980

LITTLE ROUGE CREEK NEAR LOCUST HILL - STATION NO. 02HC028

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	17.4 RB ON MAR 5	0.034 ON JUN 29	15 300R	1964
1965	---	14.6 RB ON FEB 10	0.034 ON JUN 27	21 600R	1965
1966	10.7 AT 19:00 EST ON DEC 10	6.34 ON DEC 10	0.020 ON JUL 22 *	17 300	1966
1967	20.0 AT 06:30 EST ON AUG 28	12.8 ON AUG 28	0.082 ON JUN 4	30 800	1967
1968	15.1 B AT 09:00 EST ON MAR 19	13.2 B ON MAR 19	0.082 ON AUG 12	23 000	1968
1969	15.8 AT 20:31 EST ON APR 18	9.97 ON APR 18	0.051 ON JUL 21	18 400	1969
1970	6.87 AT 23:10 EST ON APR 2	5.38 ON APR 3	0.075 ON OCT 11	15 500	1970
1971	21.4 IN DEC	18.8 E ON APR 2	0.074 ON AUG 21	20 900	1971
1972	20.8 AT 01:15 EST ON APR 12	18.3 ON APR 13	0.079 ON JUL 26	24 900	1972
1973	---	18.0 ON MAR 4	0.088 ON SEP 13	27 600	1973
1974	28.1 AT 08:58 EST ON APR 4	15.7 ON APR 4	0.089 ON AUG 12	23 100	1974
1975	---	21.5 E ON FEB 24	0.057 ON AUG 18	20 200	1975
1976	---	12.7 B ON MAR 21	0.110 ON JUN 12	29 700	1976
1977	28.7 AT 11:30 EST ON MAR 13	18.1 ON MAR 13	0.082 ON JUL 28	28 500	1977
1978	27.5 AT 21:07 EST ON MAY 14	19.6 ON APR 7	0.057 ON JUL 12	30 700	1978
1979	19.9 AT 14:30 EST ON DEC 25	16.9 ON DEC 25	0.0305 ON FEB 19	31 400	1979
1980	33.3 AT 17:22 EST ON MAR 21	22.1 ON MAR 21	0.0508 ON FEB 3	23 700	1980
1981	16.6 AT 15:05 EST ON SEP 5	11.8 ON SEP 5	0.089 ON JUL 17	22 700	1981
1982	18.6 AT 02:42 EST ON DEC 26	13.0 B ON MAR 14	0.108 ON JUL 14	38 800	1982
1983	13.0 AT 03:28 EST ON MAY 3	10.0 B ON FEB 3	0.080 ON JUL 28	26 100	1983
1984	35.3 AT 05:10 EST ON FEB 14 *	26.0 B ON FEB 14 *	0.104 ON AUG 12	31 200	1984
				24 800R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

LITTLE WHITE RIVER BELOW BOLAND RIVER - STATION NO. 02CC010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	6.87R	6.22R	4.52R	---	1980
1981	3.78	5.08	8.23	58.2R	18.0	27.8	15.6	8.15	5.58	9.53	10.5	7.36	14.4R	1981
1982	5.83	4.68	4.80	36.5	44.3	11.4	6.23	4.50	9.41	25.3	25.1	25.3	16.9	1982
1983	20.8	10.6	15.8	49.0	45.0	40.3	8.57	5.26	4.23	11.6	11.5	10.1	19.4	1983
1984	7.44	7.74	7.05	38.9	21.1	13.8	14.3	7.51	12.6	18.8	31.5	27.1	17.3	1984
MEAN	8.41	7.07	8.95	44.9R	32.1	23.3	11.2	5.85	7.98	14.4 R	17.0 R	14.9 R	17.0	MEAN

LOCATION - LAT 48 34 48 N
LONG 82 57 58 W
DRAINAGE AREA, 1 180 km^2
REGULATED
R - REVISED SINCE JAN 1980

LITTLE WHITE RIVER BELOW BOLAND RIVER - STATION NO. 02CC010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	147 R AT 05:25 EST ON APR 6	141 R ON APR 6	3.508 ON FEB 7 *	456 000R	1981
1982	116 AT 01:48 EST ON APR 28	111 ON APR 27	4.08 ON AUG 21	534 000	1982
1983	185 AT 03:57 EST ON APR 15 *	160 ON APR 15 *	3.88 ON SEP 15	812 000	1983
1984	67.8 AT 17:25 EST ON APR 17	65.8 ON APR 17	5.408 ON MAR 20	547 000	1984
				537 000R	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

LITTLE WHITE RIVER NEAR BELLINGHAM - STATION NO. 02CC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1942	---	---	---	---	---	---	15.1	10.6	10.6	17.4	38.0	15.7 R	---	1942
1943	11.4 R	9.53R	9.61R	48.3R	80.4	94.0	34.1	18.0	17.0	11.8	25.6 R	12.8 R	31.1R	1943
1944	10.4 R	9.24R	8.93R	47.4R	80.4	26.7	15.0	11.6	14.7	14.6	23.0	16.6 R	21.6R	1944
1945	12.5 R	10.3 R	38.6 R	70 1	47.8	48.1	18.7	10.3	10.7	21.4	44.6 R	15.9 R	26.9R	1945
1946	22.9 R	18.6 R	50.8 R	41.5	41.2	32.5	15.8	11.7	12.0	10.1	28.3	31.0 R	26.4R	1946
1947	17.6 R	13.2 R	9.63R	53 6R	87.9	73.7	38.5	19.1	17.0	12.7	11.6	11.4 R	30.8R	1947
1948	10.2 R	8.65R	10.7 R	67.7	52.6	18.5	12.1	13.0	7.78	5.64	16.8	24.6 R	20.8R	1948
1949	14.5 R	13.2 R	17.6 R	77.9R	57.7	34.1	24.0	12.5	7.74	8.21	14.0 R	12.7 R	24.5R	1949
1950	19.7 R	18.0 R	17.0 R	73.0	116	40.4	20.3	10.3	8.02	8.55	8.35	12.7 R	28.1R	1950
1951	10.3 R	9.13R	14.9 R	139	58.1	32.4	32.8	14.8	18.8	88.1	59.4	37.7 R	41.1R	1951
1952	24.8 R	15.4 R	12.5 R	87.1R	48.8	22.5	17.4	21.4	17.7	12.1	23.1	33.9 R	27.8R	1952
1953	17.9 R	18.1 R	36.4 R	108	65.0	33.7	17.5	12.5	14.5	11.0	10.1	19.8 R	30.5R	1953
1954	12.6 R	12.6 R	13.0 R	95.2R	89.8	41.3	16.8	9 14	9.89	47.2	24.8	15.2	30.6R	1954
1955	11.5	9.93	12.0	84.4	31.0	14.5	8.78	6.88	5.74	10.4	24.2	15.9	19.5	1955
1956	12.6	8.94	7.50	44.9	68.2	33.0	27.5	13.4	10.7	8.27	13.5	12.3	21.6	1956
1957	9.11	10.1	16.7	88.6	64.5	42.2	43.5	11.0	9.63	9.71	27.2	28.5	30.1	1957
1958	21.4	10.2	11.0	37.1	31.4	8.99	16.7	6.18	5.46	11.4	17.3	17.3	16.2	1958
1959	9.94	7.79	10.1	67.8	80.5	23.8	13.8	7.95	10.9	33.0	32 7 R	19.4 R	26.6R	1959
1960	15.3 R	11.4 R	5.72R	91 3R	138	32.2	28.5	14.9	25.1	19.3	34.1	28.3 R	37.1R	1960
1961	16.0 R	8.17R	10.9 R	41.4R	48.8	36.4	34.5	15.2	36.0	25.5	33.4	38.0 R	28.6R	1961
1962	26.7 R	16.1 R	13.4 R	53.8R	91.8	21.8	8.93	7.13	9.65	11.9	12.5	14.2 R	24.0R	1962
1963	10.9 R	8.21R	9.88R	91.3	34.1	15.0	7.17	8.53	7.71	4.13	13.0	12.7 R	18.5R	1963
1964	8.86R	8.58R	8.67R	90.2R	89.5	20.6	8.93	9.03	16.2	31.8	23.2	29.3 R	26.9R	1964
1965	21.8 R	17.7 R	13.5 R	44.8R	109	24.8	14.2	14.5	42.3	51.6	43.8	32.0	38.0R	1965
1966	21.6	24.2	34.8	90.4	51.8	38.5	10.7	8.61	6.59	18.5	38.7	46.2	32.7	1966
1967	25.2	17.8	14.2	123	107	36.3	16.6	15.9	8.19	11.2	32.6	21.6	35.6	1967
1968	16.5	11.2	17.5	87.4	47.1	27.8	17.8	12.2	22.5	36.6	26.5	29.6	29.3	1968
1969	19.7	19.2	14.0	73.7	49.6	44.4	40.2	13.3	8.03	22.3	25.4	14.3	28.7	1969
1970	11.7	9.80	9.44	40 7	59.7	115	26.7	17.6	32.8	36.1	37.7	35.1	38.9	1970
1971	18.4	14.3	25.5	89.6	94.4	35.2	13.3	10.7	10.0	11.5	24.0	30.6	31.4	1971
1972	18.5	13.3	11.7	49.7	118	20.8	10.5	15.6	24.2	21.3	25.1	14.4	28.7	1972
1973	15.0	16.9	51.8	86.4	81.5	32.4	21.7	35.7	13.2	11.6	13.2	14.4	28.6	1973
1974	12.8	10.8	11.0	77.4	80.2	38.9	16.0	8.38	7.06	9.02	26.1	20.1	24.8	1974
1975	19.8	14.8	12.3	57.0	98.6	44.7	16.2	7.37	7.57	8.30	14.4	24.8	27.0	1975
1976	13.8	10.8	11.7	114	55.1	21.5	9.23	5.14	4.08	3.47	3.83	4.23	21.4	1976
1977	5.79	5.81	18.2	78.3	27.1	11.5	9.61	5.59	13.0	44.4	62.1	36.2	28.5	1977
1978	18.7	12.5	10.1	29.5	75.1	27.5	15.0	10.1	24.7	62.7	26.3	16.5	27.5	1978
1979	13.2	10.2	35.9	159	77.7	44.9	36.3	16.1	14.2	31.7	65.7	33.0	44.8	1979
1980	19.1	14.1	11.3	89.8	44.6	24.6	14.7	9.61	8.87	11.8	9.04	8.53	20.5	1980
1981	7.16	11.3	18.0	94.6	30.8	45.1	27.4	11.2	10.1	18.8	20.2	14.2	28.7	1981
1982	10.6	9.06	13.1	88.6	77.1	21.5	12.1	7.52	17.4	41.5	43.0	45.8	30.7	1982
1983	39.2	20.9	31.7	82.0	89.6	62.3	15.9	8.90	5.27	19.2	21.0	18.6	33.0	1983
1984	12.6	16.2	16.9	84.8	35.6	24.4	25.0	13.5	22.0	31.4	54.3	47.2	30.3	1984
MEAN	15.6 R	12.8 R	17.3 R	75.3R	68.4	35.4	19.7	12.2	14.0	21.2	27.3 R	22.9 R	28.4	MEAN

LOCATION - LAT 48 23 38 N DRAINAGE AREA, 1 860 km²
LONG 83 17 10 W REGULATED

R - REVISED SINCE JAN 1980

LITTLE WHITE RIVER NEAR BELLINGHAM - STATION NO 02CC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1942	---	47.5 ON NOV 1	---	---	1942
1943	---	154 ON JUN 20	8.69RB ON MAR 11	880 000R	1943
1944	---	149 ON APR 28	8.50RB ON MAR 7	683 000R	1944
1945	---	137 ON MAR 30	7.45 ON SEP 8	814 000R	1945
1946	---	81.8 ON MAR 22	7.90 ON OCT 23	838 000R	1946
1947	---	154 ON MAY 4	8.50 ON NOV 2	868 000R	1947
1948	---	95.4 ON APR 12	4.45 ON OCT 8	659 000R	1948
1949	---	110 ON APR 15	8.82 ON OCT 8	773 000R	1949
1950	---	189 ON MAY 9	5.21 ON SEP 25	818 000R	1950
1951	---	294 ON APR 14	8.69RB ON FEB 14	1 300 000R	1951
1952	---	206 ON APR 23	9.00 ON NOV 14	880 000R	1952
1953	---	181 ON APR 12	7.28 ON NOV 10	963 000R	1953
1954	---	203 ON APR 28	5.88 ON SEP 17	965 000R	1954
1955	---	178 ON APR 18	4.76 ON SEP 26	617 000	1955
1956	---	88.1 ON MAY 17	6.71 ON OCT 23	688 000	1956
1957	---	226 ON APR 27	5.38 ON OCT 9	850 000	1957
1958	---	59.5 ON MAY 7	4.39 ON SEP 4	512 000	1958
1959	---	142 ON APR 19	5.07 ON AUG 15	838 000R	1959
1960	---	294 ON MAY 11	4.81RB ON MAR 26	1 170 000R	1960
1961	123 AT 11:20 EST ON SEP 18	116 ON SEP 16	7.53RB ON FEB 22	902 000R	1961
1962	---	277 ON MAY 5	4.81 ON AUG 24	755 000R	1962
1963	---	116 ON APR 20	2.92 ON OCT 18	584 000R	1963
1964	194 AT 04:00 EST ON APR 23	191 ON APR 23	5.24 ON JUL 31	850 000R	1964
1965	207 AT 10:30 EST ON MAY 4	206 ON MAY 4	9.51 ON JUL 31	1 140 000R	1965
1966	273 AT 07:00 EST ON APR 23	259 ON APR 23	5.83 ON SEP 26	1 030 000	1966
1967	438 AT 03:15 EST ON MAY 4	402 ON MAY 4	6.80 ON OCT 7	1 130 000	1967
1968	129 AT 06:00 EST ON APR 16	121 ON APR 16	7.99 ON AUG 15	927 000	1968
1969	141 AT 03:00 EST ON APR 18	140 ON APR 18	6.60 ON SEP 14	904 000	1969
1970	422 AT 08:08 EST ON JUN 3	374 ON JUN 2	7.67B ON MAR 13	1 130 000	1970
1971	173 AT 08:57 EST ON APR 23	172 ON APR 23	8.27 ON SEP 19	989 000	1971
1972	311 AT 18:05 EST ON MAY 4	309 ON MAY 4	8.38 ON JUL 31	907 000	1972
1973	108 AT 21:02 EST ON MAY 4	106 ON MAY 4	8.96B ON JAN 18	934 000	1973
1974	174 AT 03:15 EST ON APR 24	170 ON APR 24	5.10 ON SEP 9	782 000	1974
1975	232 AT 21:33 EST ON MAY 2	227 ON MAY 3	4.53 ON SEP 5	852 000	1975
1976	219 AT 02:02 EST ON APR 20	215 ON APR 19	1.98E ON NOV 20 *	676 000	1976
1977	114 AT 07:39 EST ON APR 19	114 ON APR 19	4.36 ON AUG 26	837 000	1977
1978	124 AT 07:41 EST ON OCT 8	122 ON OCT 8	7.25 ON AUG 22	888 000	1978
1979	497 AT 23:14 EST ON APR 27 *	489 ON APR 28 *	9.00B ON FEB 20	1 410 000	1979
1980	120 AT 05:00 EST ON APR 11	118 ON APR 11	3.66 ON NOV 15	848 000	1980
1981	217 AT 06:26 EST ON APR 6	215 ON APR 6	6.56B ON FEB 7	810 000	1981
1982	182 AT 16:23 EST ON APR 27	181 ON APR 27	8.00 ON AUG 21	968 000	1982
1983	236 AT 18:57 EST ON APR 16	230 ON APR 18	4.81 ON SEP 15	1 040 000	1983
1984	108 AT 07:38 EST ON APR 18	107 ON APR 18	11.3 ON AUG 13	958 000	1984
				896 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

LONG LAKE DIVERSION TO LAKE SUPERIOR - STATION NO. 04JD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	0	0	0	0	0	0	2.97	10.3	10.4	5.37	0	0	2.44	1939
1940	0	0	0	0	15.4	24.0	31.8	38.3	25.0	0	0	0	11.2	1940
1941	6.00	20.5	17.3	18.9	42.2	45.8	39.7	34.5	36.5	34.1	49.2	43.9	32.4	1941
1942	35.0	26.6	20.5	20.5	50.4	65.4	54.8	45.5	36.9	15.6	58.3	53.1	40.3	1942
1943	41.5	32.4	24.5	20.0	45.5	64.8	88.8	59.1	52.6	40.3	36.5	32.0	43.3	1943
1944	26.3	20.8	17.4	16.3	57.7	77.2	61.6	70.9	65.5	48.7	45.5	39.0	45.5	1944
1945	30.8	24.1	19.6	37.3	31.0	61.8	58.0	47.1	18.0	30.6	36.8	31.5	35.6	1945
1946	25.6	20.4	16.6	27.2	73.6	76.5	74.3	52.2	39.3	31.4	47.5	50.8	44.6	1946
1947	36.5	31.3	20.2	18.8	41.6	62.2	62.4	57.0	44.6	31.6	22.5	32.0	38.4	1947
1948	24.3	18.5	8.56	6.43	30.8	46.1	39.8	25.1	19.8	7.58	1.51	27.7	21.4	1948
1949	24.1	35.1	45.6	42.8	32.8	59.9	30.5	21.9	26.8	30.0	37.5	40.4	35.7	1949
1950	45.2	45.3	39.6	28.9	52.8	84.8	65.8	38.0	37.8	40.8	69.1	82.0	48.4	1950
1951	44.0	34.5	26.4	25.2	55.0	45.4	36.8	28.4	26.9	33.0	42.2	46.8	37.1	1951
1952	45.6	40.9	29.1	20.2	27.4	59.3	57.7	43.7	36.0	35.3	24.9	24.3	37.0	1952
1953	26.3	29.5	26.6	26.3	52.5	82.7	63.6	30.8	33.7	35.6	32.0	27.5	37.3	1953
1954	32.2	37.3	33.5	28.4	76.4	73.2	31.8	33.2	33.8	25.7	33.5	30.2	38.1	1954
1955	32.3	42.4	40.3	24.4	55.5	49.1	37.1	31.8	36.0	27.8	26.8	28.5	36.2	1955
1956	27.8	24.6	25.8	22.6	16.7	61.6	45.0	33.0	29.9	37.6	24.5	26.5	32.1	1956
1957	21.2	19.5	19.6	23.1	71.2	74.5	54.8	35.8	34.4	35.7	34.9	33.8	36.3	1957
1958	41.8	42.5	33.5	33.5	88.5	82.0	61.5	38.6	38.6	33.0	39.6	29.2	45.0	1958
1959	36.1	45.1	35.8	27.9	33.6	52.9	33.7	30.1	23.5	22.5	22.8	23.8	32.7	1959
1960	27.9	38.7	30.8	26.1	50.6	71.3	39.9	28.9	25.1	18.7	24.9	41.0	35.9	1960
1961	41.8	46.4	39.0	34.5	74.0	63.5	37.0	24.3	13.6	43.1	55.4	33.3	42.1	1961
1962	40.0	54.5	40.9	35.5	41.2	78.3	31.1	33.2	53.1	38.5	36.1	36.8	43.1	1962
1963	40.0	39.3	30.4	28.3	32.7	78.4	30.0	27.8	31.9	34.6	32.9	34.3	36.5	1963
1964	35.1	33.5	30.4	34.9	87.6	98.1	78.2	59.2	50.6	74.0	48.4	43.0	58.2	1964
1965	42.3	40.3	57.8	61.3	69.6	59.8	30.5	27.7	19.7	62.2	39.0	41.6	46.0	1965
1966	52.0	48.8	37.4	37.9	80.1	76.2	48.2	63.4	51.1	46.2	46.0	42.9	52.5	1966
1967	56.7	48.8	34.9	41.4	88.1	82.7	49.4	42.7	20.0	21.0	38.7	48.2	47.8	1967
1968	54.6	44.6	33.1	41.5	75.7	79.8	81.8	71.8	34.0	38.8	44.2	52.4	54.4	1968
1969	50.5	48.1	39.6	38.4	83.6	85.4	49.2	39.0	35.9	33.4	25.4	22.8	45.9	1969
1970	34.6	45.1	38.6	29.7	57.4	86.0	72.5	40.1	35.7	66.9	65.2	46.5	51.8	1970
1971	51.4	55.8	45.1	37.5	70.1	68.1	37.6	29.0	8.14	22.1	73.4	47.5	45.2	1971
1972	44.1	48.0	34.1	23.9	70.2	58.0	34.3	31.3	25.8	38.6	48.6	51.4	42.4	1972
1973	42.3	34.1	28.5	22.1	32.6	35.2	51.6	42.7	35.2	33.1	23.8	41.7	35.3	1973
1974	38.4	40.7	31.6	24.5	22.2	35.3	44.1	43.4	34.8	40.3	46.3	46.1	37.5	1974
1975	44.4	40.5	31.8	25.9	25.1	44.7	50.5	25.8	28.9	10.9	32.3	43.4	33.8	1975
1976	51.6	44.8	32.6	18.9	38.2	48.0	49.9	45.4	31.2	21.7	18.3	15.1	34.7	1976
1977	13.1	12.0	20.3	19.3	71.3	53.9	71.4	43.3	51.8	54.3	46.2	47.8	42.3	1977
1978	56.4	49.1	35.2	25.8	19.2	75.9	51.8	38.0	23.6	16.3	9.00	36.3	38.4	1978
1979	31.0	25.9	20.1	22.2	70.5	60.2	36.1	26.8	25.8	8.77	18.8	44.8	32.6	1979
1980	47.1	34.4	30.3	28.2	50.9	41.5	37.8	27.8	14.7	24.3	41.7	51.4	35.8	1980
1981	42.0	36.4	37.8	34.2	39.3	33.9	39.8	26.5	9.86	3.84	13.0	10.0	27.4	1981
1982	43.7	38.5	20.6	15.5	46.9	60.0	67.5	27.0	33.8	65.6	48.5	54.7	43.6	1982
1983	49.4	53.9	43.8	33.0	40.1	67.7	46.4	29.3	18.6	22.8	51.3	48.4	42.0	1983
1984	53.6	56.8	41.8	23.4	90.8	89.3	72.3	51.8	53.4	42.3	27.1	36.6	51.8	1984
MEAN	36.7	36.0	29.7	26.7	51.3	61.3	49.0	36.0	32.0	32.2	36.2	37.1	38.9	MEAN

LOCATION - LAT 49 04 04 N
LONG 87 04 09 W

REGULATED SINCE 1939

DATA CONTRIBUTED BY -
ONTARIO HYDRO

LONG LAKE DIVERSION TO LAKE SUPERIOR - STATION NO. 04JD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1939	---	38.2 ON AUG 21	0 ON JAN 1 *	77 200	1939
1940	---	46.7 ON SEP 12	0 ON JAN 1	353 000	1940
1941	---	82.4 ON JUN 7	0 ON JAN 1	1 020 000	1941
1942	---	81.6 ON JUN 15	1.56 ON NOV 3	1 270 000	1942
1943	---	77.3 ON JUN 12	6.94 ON MAY 29	1 360 000	1943
1944	---	85.5 ON JUN 7	1.16 ON OCT 24	1 440 000	1944
1945	---	69.7 ON JUN 25	0 ON MAY 13	1 120 000	1945
1946	---	82.7 ON MAY 29	9.60 ON OCT 3	1 410 000	1946
1947	---	71.4 ON JUN 14	0 ON OCT 28	1 210 000	1947
1948	---	104 ON JUL 25	0 ON MAY 2	877 000	1948
1949	---	90.6 ON JUN 21	1.95 ON MAY 15	1 120 000	1949
1950	---	88.6 ON MAY 25	20.2 ON OCT 2	1 560 000	1950
1951	---	70.2 ON OCT 30	8.50 ON JUN 21	1 170 000	1951
1952	---	71.4 ON JUN 6	0 ON APR 25	1 170 000	1952
1953	---	76.7 ON JUL 7	4.08 ON DEC 25	1 180 000	1953
1954	---	109 ON MAY 17	0 ON OCT 16	1 230 000	1954
1955	---	97.4 ON JUN 1	0 ON APR 26	1 140 000	1955
1956	---	83.8 ON JUN 26	0 ON MAY 6	1 020 000	1956
1957	---	84.4 ON MAY 20	9.84 ON JAN 19	1 210 000	1957
1958	---	91.7 ON JUN 27	0 ON NOV 6	1 420 000	1958
1959	---	83.5 ON JUN 3	0 ON MAY 10	1 030 000	1959
1960	---	86.1 ON JUN 1	0 ON SEP 3	1 140 000	1960
1961	---	86.0 ON MAY 15	0 ON AUG 19	1 330 000	1961
1962	---	97.7 ON JUN 20	0 ON MAY 19	1 360 000	1962
1963	---	105 ON JUN 6	0 ON JUL 12	1 150 000	1963
1964	---	122 ON JUN 10 *	0 ON AUG 1	1 780 000	1964
1965	---	89.7 ON OCT 14	0 ON JUL 1	1 450 000	1965
1966	---	101 ON AUG 20	25.5 ON OCT 24	1 660 000	1966
1967	---	101 ON JUN 10	0 ON NOV 1	1 510 000	1967
1968	---	89.7 ON JUN 12	0 ON AUG 30	1 720 000	1968
1969	---	100 ON MAY 20	21.3 ON DEC 31	1 450 000	1969
1970	---	118 E ON JUN 20	0 ON MAY 20	1 820 000	1970
1971	---	91.7 ON NOV 20	0 ON SEP 11	1 430 000	1971
1972	---	94.6 ON MAY 25	0 ON SEP 22	1 340 000	1972
1973	---	75.6 ON MAY 30	0 ON APR 26	1 110 000	1973
1974	---	93.4 ON MAY 21	0 ON MAY 3	1 180 000	1974
1975	---	101 ON JUN 18	0 ON MAY 1	1 060 000	1975
1976	---	85.7 ON JAN 17	0 ON APR 21	1 100 000	1976
1977	---	114 ON JUL 3	0 ON APR 19	1 330 000	1977
1978	---	92.3 ON JUN 17	0 ON MAY 11	1 150 000	1978
1979	---	88.1 ON MAY 19	0 ON OCT 21	1 030 000	1979
1980	---	92.7 ON MAY 18	0 ON AUG 30	1 140 000	1980
1981	---	80.5 ON JAN 15	0 ON SEP 15	862 000	1981
1982	---	97.7 ON JUL 10	0 ON MAY 1	1 380 000	1982
1983	---	103 ON MAY 25	0 ON MAY 5	1 320 000	1983
1984	---	100 ON JUN 12	0 ON APR 18	1 840 000	1984
				1 230 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LONG-LEGGED RIVER BELOW LONG-LEGGED LAKE - STATION NO. 05QE012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	2.31	2.08	1.82	3.31	5.87	3.34	1.68	1.05	0.941	1.21	1.32	1.44	2.18	1980
1981	1.38	1.25	1.08	1.15	1.09	1.78	3.55	4.63	3.88	2.99	2.50	2.06	2.28	1981
1982	1.85	1.78	1.86	2.42	6.15	10.7	6.21	2.75	1.42	1.63	1.37	1.48	3.46	1982
1983	1.48	1.34	1.48	1.51	2.55	4.27	4.60	2.84	1.50	1.07	0.914	1.02	2.05	1983
1984	1.04	1.15	1.11	1.95	4.78	8.10	7.26	3.36	1.31	1.33	2.70	3.21	3.11	1984
MEAN	1.61	1.52	1.43	2.07	4.45	5.63	4.66	2.93	1.81	1.65	1.78	1.84	2.82	MEAN

LOCATION - LAT 50 40 39 N
LONG 93 58 07 W NATURAL FLOW

LONG-LEGGED RIVER BELOW LONG-LEGGED LAKE - STATION NO. 05QE012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	8.81 AT 20:33 CST ON MAY 3	8.48 ON MAY 5	0.801 ON SEP 15	69 000	1980
1981	8.12 AT 03:30 CST ON AUG 13	8.03 ON AUG 12	0.942 ON MAY 21	72 000	1981
1982	13.1 AT 15:05 CST ON JUN 10 *	12.0 ON JUN 10 *	1.17 ON SEP 27	109 000	1982
1983	9.78 AT 19:05 CST ON JUL 4	8.72 ON JUL 4	0.788 ON NOV 18 *	84 800	1983
1984	9.70 AT 21:31 CST ON JUN 27	9.65 ON JUN 27	0.877 ON OCT 12	88 500	1984
				82 700	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LUCKNOW RIVER AT LUCKNOW - STATION NO 02FD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	0 989	0 434	2 79	2 83	0 717	0 350	0 303	0 162	0 328	1 05	0 852	1 73	1 05	1980
1981	0 391	4 09	1 97	1 36	1 13	0 377	0 087	0 159	0 443	0 782	1 00	0 904	1 04	1981
1982	0 948	0 456	2 78	3 14	0 661	1 51	0 337	0 308	0 303	0 288	1 11	2 25	1 18	1982
1983	1 10	1 46	1 04	1 24	1 07	0 427	0 203	0 230	0 458	0 660	0 887	1 41	0 845	1983
1984	0 631	4 11	2 31	1 58	1 09	0 822	0 252	0 171	0 351	0 364	1 27	1 80	1 18	1984
MEAN	0 808	2 11	2 18	2 03	0 934	0 657	0 236	0 206	0 377	0 829	1 02	1 58	1 08	MEAN

LOCATION - LAT 43 57 44 N DRAINAGE AREA, 54 9 km²
LONG 81 30 55 W NATURAL FLOW

LUCKNOW RIVER AT LUCKNOW - STATION NO 02FD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1980	16 3 AT 14 38 EST ON MAR 21	13 1 ON MAR 21	0 107 ON AUG 25	33 100	1980
1981	18 6 AT 14 39 EST ON FEB 23 *	16 8 ON FEB 23	0 026 ON JUL 25 *	32 700	1981
1982	18 5 AT 15 59 EST ON MAR 31	17 4 ON MAR 31 *	0 155 ON AUG 19	37 100	1982
1983	5 84 AT 00 30 EST ON DEC 13	4 81 ON DEC 13	0 139 ON AUG 3	25 700	1983
1984	16 0 AT 19 15 EST ON FEB 14	14 3 ON FEB 14	0 125 ON AUG 25	37 400	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		33 400	MEAN

LUTTERAL CREEK NEAR DUSTIC - STATION NO 02GA033

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	0 141	0 181	0 242	---	1953
1954	0 178	0 906	1 70	2 00	0 452	0 216	0 045	0 085	0 088	1 78	0 597	0 417	0 701	1954
1955	0 583	0 212	1 49	2 15	0 470	0 142	0 035	0 058	0 081	0 365	0 816	0 471	0 572	1955
1956	0 284	0 197	0 885	3 61	1 93	0 592	0 715	2 17	0 985	0 455	0 476	0 696	1 08	1956
1957	0 644	0 762	1 21	1 39	0 634	0 577	0 339	0 050	0 246	0 230	0 583	1 22	0 654	1957
1958	0 334	0 198	0 688	0 720	0 143	0 063	0 071	0 042	0 122	0 105	0 388	0 228	0 257	1958
1959	0 246	0 321	0 679	4 31	0 692	0 131	0 106	0 128	0 093	0 270	0 622	0 511	0 889	1959
1960	0 368	0 409	0 356	4 24	2 26	0 747	0 347	0 211	0 391	0 219	0 328	0 086	0 828	1960
1961	0 057	0 832	1 03	0 973	0 641	0 701	0 201	0 093	0 141	0 125	0 212	0 285	0 437	1961
1962	0 085	0 064	1 60	1 27	0 206	0 097	0 043	0 038	0 040	0 202	0 626	0 403	0 381	1962
1963	0 159	0 165	0 613	0 880	0 552	0 111	0 033	0 037	0 034	0 044	0 107	0 081	0 250	1963
1964	0 153	0 122	1 07	1 09	0 481	0 145	0 145	0 154	0 175	---	---	---	---	1964
1965	---	---	1 89	1 41	1 05	0 691	0 087	0 048	0 087	0 077	0 306	0 895	---	1965
1967	0 356	0 278	1 06	2 26	0 483	1 21	0 719	0 194	0 165	0 559	0 751	1 46	0 784	1967
1968	0 371	1 29	2 93	1 06	0 528	0 240	0 426	0 946	0 912	0 652	1 13	0 875	0 945	1968
1969	0 668	0 884	1 83	3 25	1 19	0 273	0 119	0 082	0 053	0 120	0 494	0 234	0 762	1969
1970	0 162	0 178	0 522	2 33	0 734	0 170	0 217	0 155	0 274	0 494	0 800	1 25	0 808	1970
1971	0 529	0 508	0 888	2 98	0 431	0 621	0 393	0 206	0 133	0 144	0 188	0 780	0 868	1971
1972	0 435	0 306	0 444	4 25	0 725	0 595	0 416	0 109	0 076	0 458	0 655	0 823	0 779	1972
1973	0 919	0 792	3 26	1 30	1 19	0 585	0 125	0 139	0 073	0 142	0 671	0 487	0 809	1973
1974	0 750	0 641	2 84	2 03	1 83	0 371	0 137	0 082	0 071	0 099	0 327	0 288	0 772	1974
1975	0 401	0 810	1 74	3 04	0 676	0 311	0 080	0 105	0 180	0 184	0 403	0 553	0 886	1975
1976	0 314	1 17	3 44	1 77	1 15	0 538	0 454	0 443	0 372	0 845	0 472	0 295	0 923	1976
1977	0 189	0 151	2 48	1 24	0 312	0 154	0 133	0 238	0 517	1 11	1 01	1 05	0 719	1977
1978	0 852	0 388	0 725	3 73	1 12	0 254	0 085	0 088	0 385	0 354	0 522	0 576	0 781	1978
1979	0 514	0 248	3 18	2 50	0 988	0 417	0 120	0 084	0 074	0 239	0 788	1 04	0 852	1979
1980	0 618	0 241	2 35	1 87	0 744	0 625	0 588	0 208	0 170	0 467	0 372	0 743	0 753	1980
1981	0 261	2 46	0 902	0 981	0 529	0 279	0 439	0 463	0 598	0 918	0 276	0 434	0 768	1981
1982	0 245	0 198	1 14	3 22	0 [illegible]	1 09	0 266	0 233	0 376	0 421	1 56	2 24	0 873	1982
1983	0 847	1 06	1 25	1 67	1 58	0 619	0 058	0 122	0 138	0 261	0 418	0 598	0 705	1983
1984	0 221	1 84	1 86	1 78	0 586	0 340	0 165	0 088	0 195	0 222	0 582	1 03	0 735	1984
MEAN	0 403	0 600	1 55	2 18	0 823	0 424	0 238	0 237	0 239	0 384	0 573	0 681	0 708	MEAN

LOCATION - LAT 43 39 46 N DRAINAGE AREA, 84 8 km²
LONG 80 15 19 W REGULATED

LUTTERAL CREEK NEAR DUSTIC - STATION NO. 02SA033

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	21.2 ON OCT 16	0.028 ON JUL 18	22 100	1954
1955	---	---	---	---	
1956	---	7.088 ON MAR 11	0.028 ON JUL 7	18 000	1955
1957	---	29.7 ON AUG 30 *	0.113 ON AUG 3	34 300	1956
1958	---	8.55 ON DEC 20	0.028 ON AUG 5	20 800	1957
1959	15.6 R AT 23:00 EST ON APR 5	1.87 ON MAR 25	0.028 ON AUG 8	8 100	1958
		14.4 ON APR 5	0.048 ON JUN 26	21 700	1959
1960	---	---	---	---	
1961	---	10.4 B ON APR 2	0.0408 ON DEC 15	28 100	1960
1962	19.7 R ON MAR 30	5.478 ON FEB 25	0.0548 ON JAN 18	13 800	1961
1963	8.30R ON MAR 27	15.6 ON MAR 30	0.011 ON AUG 31	12 300	1962
1964	2.90R ON APR 8	5.92 ON MAR 27	0.008 ON JUL 11	7 890	1963
		2.76 ON APR 8	---	---	1964
1966	---	---	---	---	
1967	13.8 AT 10:15 EST ON APR 3	10.3 ON APR 3	0.0118 ON MAR 3	---	1966
1968	10.6 B AT 13:15 EST ON MAR 19	8.508 ON MAR 18	0.054 ON AUG 4	25 000	1967
1969	8.55 AT 10:30 EST ON APR 5	7.99 ON APR 5	0.034 ON SEP 15	29 900	1968
				24 000	1969
1970	8.72 AT 21:14 EST ON APR 9	7.59 ON APR 9	0.068 ON AUG 11	19 100	1970
1971	9.49 AT 11:25 EST ON APR 10	7.14 ON APR 10	0.076 ON AUG 9	20 400	1971
1972	15.5 AT 22:35 EST ON APR 17	13.9 ON APR 15	0.051 ON SEP 30	24 600	1972
1973	9.74 AT 08:15 EST ON MAR 12	9.09 ON MAR 12	0.040 ON SEP 12	25 500	1973
1974	20.1 AT 12:36 EST ON MAY 17	15.8 ON MAY 17	0.054 ON AUG 22	24 300	1974
1975	22.7 AT 11:10 EST ON APR 19 *	20.6 ON APR 19	0.031 ON AUG 18	21 800	1975
1976	18.4 AT 11:56 EST ON MAR 21	13.4 ON MAR 21	0.071 ON SEP 8	28 200	1976
1977	18.3 B AT 14:56 EST ON MAR 13	15.3 B ON MAR 13	0.065 ON JUL 27	22 700	1977
1978	9.57 AT 21:50 EST ON APR 11	8.38 ON APR 12	0.045 ON AUG 14	23 700	1978
1979	15.1 AT 18:31 EST ON APR 14	12.2 ON APR 14	0.031 ON SEP 12	26 900	1979
1980	---	---	---	---	
1981	---	19.0 B ON MAR 21	0.044 ON AUG 29	23 800	1980
1982	19.5 AT 23:32 EST ON MAR 31	11.0 B ON FEB 21	0.014 ON JUL 18	23 600	1981
1983	8.63 AT 08:53 EST ON MAY 3	13.5 ON APR 1	0.118 ON JUL 15	30 700	1982
1984	---	5.74 ON MAY 3	0.007 ON SEP 14 *	22 300	1983
		4.928 ON FEB 17	0.054 ON AUG 17	23 200	1984
				22 300	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

LYN CREEK NEAR LYN - STATION NO. 02MB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	---	---	0.847	2.34	1.63	---	1970
1971	2.16	2.35	3.73	10.7	1.39	0.151	0.038	0.033	0.101	0.135	0.130	1.11	1.82	1971
1972	0.761	0.555	0.852	9.87	1.65	0.805	0.384	0.197	0.051	1.31	3.26	2.14	1.78	1972
1973	3.04	1.72	6.02	3.43	2.02	0.715	0.091	0.012	0.022	0.098	0.522	1.53	1.60	1973
1974	3.32	1.87	2.88	5.16	2.14	0.345	0.065	0.023	0.014	0.026	0.158	0.977	1.48	1974
1975	1.87	0.951	4.54	4.40	0.586	0.181	0.044	0.002	0.350	0.784	1.54	2.84	1.49	1975
1976	1.48	5.35	8.78	2.54	2.78	0.477	0.473	0.103	0.176	1.15	1.13	0.614	2.08	1976
1977	0.268	0.411	8.86	2.58	0.567	0.061	0.014	0.063	0.262	2.11	2.60	3.11	1.76	1977
1978	4.01	1.54	3.18	9.82	0.589	0.070	0.011	0.009	0.012	0.024	0.107	0.276	1.63	1978
1979	0.611	0.510	5.36	3.48	0.610	0.272	0.017	0.022	1.20	1.07	2.19	2.12	1.58	1979
1980	0.965	0.113	3.80	5.65	1.17	0.182	0.081	0.110	0.210	0.779	1.75	2.61	1.45	1980
1981	0.300	8.36	1.80	1.12	1.07	0.720	0.113	0.085	0.388	2.12	2.32	0.701	1.38	1981
1982	0.945	0.370	4.45	5.82	0.852	1.02	0.070	0.032	0.036	---	---	---	---	1982
1984	0.472	3.77	2.01	5.75	1.80	0.357	0.032	0.014	0.025	0.013	0.025	0.100	1.18	1984
MEAN	1.57	1.87	4.39	5.50	1.32	0.412	0.107	0.054	0.219	0.787	1.39	1.50	1.80	MEAN

LOCATION - LAT 44 31 30 N
LONG 75 48 19 W
REGULATED

REMARKS - GAUGE INACTIVE OCT 1982-NOV 1983 DUE TO BRIDGE CONSTRUCTION

LYN CREEK NEAR LYN - STATION NO. 02MB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	
1971	30.8 AT 04:50 EST ON APR 13	28.9 ON APR 13	0.004 ON AUG 14	57 500	1970
1972	34.3 AT 03:18 EST ON APR 15	29.7 ON APR 15	0.025 ON SEP 23	56 600	1971
1973	---	23.0 ON MAR 18	0.008 ON AUG 17	50 600	1972
1974	40.5 AT 23:50 EST ON APR 4	33.7 ON APR 4	0.011 ON AUG 28	46 700	1973
					1974
1975	---	18.48 ON MAR 21	0.001 ON AUG 15 *	47 000	1975
1976	---	28.88 ON MAR 21	0.018 ON AUG 27	65 700	1976
1977	---	38.18 ON MAR 14 *	0.009 ON JUL 11	55 400	1977
1978	24.0 AT 08:20 EST ON APR 12	21.3 ON APR 12	0.008 ON JUL 18	51 400	1978
1979	18.7 AT 08:51 EST ON SEP 15	15.6 ON SEP 15	0.009 ON JUL 24	49 700	1979
1980	28.4 AT 12:40 EST ON MAR 22	25.5 ON MAR 22	0.015 ON JUL 18	45 900	1980
1981	---	24.98 ON FEB 21	0.026 ON AUG 7	43 800	1981
1982	43.2 AT 05:48 EST ON APR 1 *	37.8 ON APR 1	0.008 ON AUG 21	---	1982
1984	23.8 AT 01:25 EST ON APR 8	21.3 ON APR 8	0.003 ON OCT 2	37 300	1984
				50 600	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

LYNDE CREEK NEAR WHITBY - STATION NO. 02HC018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	0.641	0.192	0.143	0.165	0.255	0.288	0.435	0.932	---	1959
1960	0.673	1.58	1.19	5.17	4.07	0.459	0.288	0.151	---	---	---	0.289	---	1960
1961	0.220	1.24	1.57	1.23	0.797	0.406	0.245	0.184	0.176	0.179	0.397	0.446	0.586	1961
1962	0.550	0.192	2.45	0.726	0.273	0.169	0.153	0.101	0.141	0.260	0.381	0.326	0.480	1962
1963	0.152	0.188	1.79	0.698	0.779	0.174	0.124	0.128	0.163	0.143	0.253	0.193	0.402	1963
1964	0.657	0.333	1.18	1.01	0.403	0.152	0.117	0.671	0.181	0.200	0.380	0.570	0.488	1964
1965	0.413	2.11	1.61	2.07	0.370	0.125	0.404	0.180	0.170	1.11	2.21	3.06	1.14	1965
1966	0.626	0.456	1.97	0.907	0.538	0.291	0.057	0.083	0.137	0.155	0.541	1.32	0.593	1966
1967	1.18	0.764	2.48	2.09	0.743	0.531	0.791	0.585	0.375	0.900	1.48	1.26	1.11	1967
1968	0.629	2.22	4.44	1.16	0.840	0.457	0.162	0.233	0.314	0.220	0.659	0.556	0.887	1968
1969	0.791	0.841	2.27	2.43	1.18	0.338	0.188	0.205	0.131	0.192	0.323	0.351	0.788	1969
1970	0.201	0.636	3.06	1.97	0.683	0.228	0.264	0.141	0.218	0.304	0.513	0.739	0.746	1970
1971	0.485	1.49	2.41	3.06	0.408	0.531	0.571	0.536	0.583	0.328	0.381	1.07	0.881	1971
1972	1.01	0.650	1.38	8.04	0.703	0.404	0.282	0.295	0.267	---	---	---	---	1972
1973	---	---	---	---	---	---	---	0.175	0.281	0.247	0.500	0.806	---	1973
1974	0.333	3.22	4.46	1.56	1.20	0.405	0.758	0.359	0.320	0.387	0.342	0.182	1.12	1974
1977	0.140	0.388	3.19	1.24	0.233	0.149	0.218	0.295	0.727	1.06	1.55	1.90	0.938	1977
1978	1.13	0.193	2.16	4.35	1.45	0.259	0.271	0.350	0.424	0.396	0.505	0.454	1.01	1978
1979	0.331	0.237	3.07	2.16	0.857	0.286	0.200	0.212	0.247	0.471	0.659	1.13	0.827	1979
1980	0.954R	0.359R	3.60R	3.38 R	0.593R	0.534R	0.853R	0.365R	0.448R	0.888R	0.948R	1.00 R	1.16 R	1980
1981	0.240	5.08	1.02	0.869	0.897	0.423	0.314	0.847	1.02	1.34	1.28	0.571	1.09	1981
1982	0.551	0.282	4.07	2.90	0.492	0.963	0.383	0.250	0.382	0.464	1.54	1.40	1.14	1982
1983	1.03	1.26	1.67	1.98	1.65	0.338	0.109	0.184	0.204	0.398	0.827	1.05	0.887	1983
1984	0.255	3.54	2.78	2.39	1.10	0.305	0.180	0.340	0.639	0.382	1.03	1.06	1.15	1984
MEAN	0.570R	1.24 R	2.45R	2.25 R	0.898R	0.355R	0.307R	0.293R	0.339R	0.469R	0.779R	0.889R	0.880	MEAN

LOCATION - LAT 43 52 32 N DRAINAGE AREA, 106 km²
LONG 78 57 43 W NATURAL FLOW

R - REVISED SINCE JAN 1980

LYNDE CREEK NEAR WHITBY - STATION NO. 02HC018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1959	---	---	---	---	1959
1960	---	23.2 B ON APR 1	---	---	1960
1961	---	5.59B ON MAR 20	0.082B ON FEB 9	18 500	1961
1962	---	6.48B ON MAR 15	0.057 ON JUL 12	15 100	1962
1963	---	3.62B ON MAR 19	0.088 ON JUL 14	12 700	1963
1964	---	6.57 ON AUG 22	0.082 ON AUG 1	15 400	1964
1965	---	19.2 ON DEC 25	0.105 ON JUN 17	36 100	1965
1966	---	10.4 ON DEC 10	0.023 ON AUG 1 *	18 700	1966
1967	---	8.58 ON DEC 22	0.127 ON SEP 20	35 000	1967
1968	---	22.0 ON MAR 21	0.093 ON JUL 27	31 200	1968
1969	21.3 AT 16:43 EST ON APR 18	10.8 ON MAR 21	0.093 ON JUL 21	24 200	1969
1970	12.1B AT 23:00 EST ON MAR 23	10.6 B ON MAR 23	0.051 ON AUG 11	23 500	1970
1971	23.4 AT 09:11 EST ON JUL 6	15.7 ON APR 2	0.181 ON AUG 20	30 900	1971
1972	26.6 AT 11:57 EST ON APR 13	20.7 ON APR 13	0.126 ON SEP 23	---	1972
1973	---	---	0.099 ON AUG 23	---	1973
1974	30.6 AT 07:13 EST ON MAR 21	22.7 ON MAR 21	0.057B ON DEC 30	35 400	1974
1977	32.6 AT 10:30 EST ON MAR 13	18.6 ON MAR 13	0.028 ON JUN 11	29 800	1977
1978	31.7 AT 06:13 EST ON APR 7	19.6 ON APR 7	0.062B ON MAR 13	31 700	1978
1979	19.7 AT 10:00 EST ON MAR 14	11.8 ON DEC 25	0.057 ON JUL 23	25 100	1979
1980	---	30.0 RE ON MAR 21 *	0.159R ON AUG 27	38 700R	1980
1981	---	25.0 B ON FEB 20	0.105 ON JUL 17	34 500	1981
1982	33.0 AT 20:45 EST ON MAR 31 *	17.8 ON MAR 31	0.112 ON AUG 19	38 100	1982
1983	26.6 AT 01:57 EST ON FEB 3	12.6 ON MAR 19	0.068 ON JUL 27	28 000	1983
1984	28.6 AT 11:41 EST ON APR 5	25.5 B ON FEB 14	0.097 ON JUL 24	36 500	1984
				27 800R	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

LYNDHURST CREEK AT LYNDHURST - STATION NO. 02MA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	7.08	17.5	2.81	0.456	0.182	0.171	0.218	0.474	0.775	1.95	---	1971
1972	2.57	2.00	4.43	22.7	5.01	2.43	1.13	0.653	0.334	2.34	5.42	6.16	4.85	1972
1973	7.87	6.70	13.1	10.4	5.23	1.88	0.201	0.323	0.833	0.930	1.68	4.13	4.38	1973
1974	6.66	4.78	7.89	16.3	7.08	0.984	0.911	0.259	0.277	0.458	1.07	3.46	4.15	1974
1975	4.17	2.42	13.0	11.6	1.89	0.486	0.087	0.075	1.48	3.02	4.08	5.37	4.01	1975
1976	2.87	7.57	17.9	9.13	6.43	2.12	1.22	0.941	0.841	1.74	2.20	1.64	4.72	1976
1977	1.04	1.24	16.8	7.97	1.70	0.303	0.124	0.591	0.487	3.41	3.64	7.42	3.78	1977
1978	8.14	8.40	8.32	16.7	2.11	0.230	0.070	0.423	0.575	---	---	---	---	1978
MEAN	4.74	4.30	10.8	14.4	4.31	1.11	0.492	0.410	0.617	1.77	3.09	4.39	4.38	MEAN

LOCATION - LAT 44 32 48 N
LONG 76 07 24 W REGULATED

LYNDHURST CREEK AT LYNDHURST - STATION NO. 02HA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	40.8 AT 16:05 EST ON APR 14	---	---	---	1971
1972	46.2 AT 02:35 EST ON APR 19	44.7 ON APR 18	0.079 ON MAY 29	144 000	1972
1973	27.8 AT 17:20 EST ON APR 5	27.2 ON APR 6	0.037 ON SEP 17	138 000	1973
1974	46.1 AT 08:00 EST ON APR 5 *	45.6 ON APR 5 *	0.079 ON AUG 12	131 000	1974
1975	27.7 AT 21:45 EST ON MAR 23	27.2 ON MAR 23	0.037 ON MAY 29	127 000	1975
1976	37.1 AT 08:00 EST ON MAR 28	36.2 ON MAR 28	0.096 ON SEP 26	148 000	1976
1977	40.2 AT 15:07 EST ON MAR 15	39.4 ON MAR 15	0.031 ON FEB 23 *	119 000	1977
1978	28.9 AT 07:56 EST ON APR 5	28.6 ON APR 5	0.037 ON JUL 21	---	1978
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		135 000	MEAN

LYNN RIVER AT SIMCOE - STATION NO. 02GC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	---	---	---	1.38	1.56	1.10	2.26	2.50	---	1957
1958	1.17	1.00	2.36	2.58	1.12	1.17	1.03	0.835	0.709	0.773	1.05	0.774	1.16	1958
1959	2.86	2.02	3.70	3.16	1.70	1.04	0.788	0.734	0.861	0.844	0.862	1.33	1.84	1959
1960	1.38	2.08	3.31	3.88	2.47	1.36	1.08	0.873	0.718	0.742	0.666	0.534	1.57	1960
1961	0.531	1.50	1.74	2.56	1.96	1.21	1.26	1.03	0.440	0.426	0.766	0.889	1.20	1961
1962	0.889	1.01	2.40	1.03	0.768	0.748	1.44	0.462	0.561	0.652	0.973	1.12	1.00	1962
1963	0.584	0.643	2.35	2.05	1.14	0.875	0.701	0.883	0.467	0.446	0.502	0.470	0.827	1963
1964	0.830	0.654	1.89	1.89	1.46	0.783	0.628	1.32	0.710	0.736	0.892	1.20	1.07	1964
1965	1.16	3.07	5.22	3.40	1.46	0.699	0.568	0.578	0.874	1.05	1.27	1.81	1.72	1965
1966	1.31	1.69	2.12	1.92	1.39	1.09	0.892	0.813	0.814	0.817	0.817	1.89	1.26	1966
1967	1.62	1.53	1.72	2.52	1.86	1.13	0.962	0.883	0.822	1.10	1.02	1.40	1.39	1967
1968	1.26	2.13	1.50	1.20	1.37	1.74	1.30	1.01	1.07	0.822	1.37	1.51	1.36	1968
1969	3.49	1.94	1.61	3.10	2.80	1.78	1.22	0.947	0.846	0.907	1.20	1.26	1.74	1969
1970	1.09	1.33	1.84	2.02	1.37	0.972	0.895	0.727	0.678	0.832	1.66	2.02	1.32	1970
1971	1.32	2.25	2.98	2.21	1.41	1.08	0.822	0.730	0.715	0.735	0.762	1.10	1.34	1971
1972	1.39	1.08	4.29	2.84	1.82	1.30	1.26	1.04	0.877	0.953	1.26	1.82	1.85	1972
1973	1.66	1.58	3.88	2.42	1.83	1.46	1.16	0.760	0.853	0.949	1.62	1.80	1.85	1973
1974	2.70	2.60	3.55	2.83	2.88	1.75	1.29	1.08	1.03	0.992	1.32	1.42	1.95	1974
1975	1.76	2.18	2.86	2.24	1.50	1.71	1.17	1.13	1.49	1.26	1.46	1.98	1.73	1975
1976	1.61	3.71	5.74	3.36	3.12	1.79	1.84	1.50	1.33	1.35	1.36	1.24	2.34	1976
1977	1.11	1.34	3.51	2.81	1.63	1.25	1.08	0.987	2.82	2.44	1.94	3.41	2.02	1977
1978	2.12	1.71	4.13	3.76	2.75	1.61	1.11	1.19	1.23	1.46	1.46	1.70	2.02	1978
1979	1.89	1.86	3.53	3.89	2.16	1.43	1.10	1.14	1.13	1.27	1.71	2.37	1.92	1979
1980	2.24	1.43	2.81	3.49	2.27	1.81	1.12	1.06	1.83	1.45	1.40	1.89	1.86	1980
1981	1.13	3.10	2.12	2.10	1.85	1.27	0.966	0.802	1.88	1.53	1.46	1.34	1.80	1981
1982	1.44	1.10	4.46	3.61	2.04	2.71	1.41	1.12	1.35	1.22	2.77	3.56	2.24	1982
1983	2.43	2.80	2.38	2.79	3.11	1.93	1.54	1.89	1.36	1.44	1.71	2.86	2.18	1983
1984	1.78	3.87	3.26	3.86	2.88	2.56	1.82	1.85	1.89	1.56	1.82	2.12	2.43	1984
MEAN	1.89	1.80	3.01	2.89	1.92	1.42	1.13	1.01	1.08	1.07	1.33	1.67	1.84	MEAN

LOCATION - LAT 42 49 21 N DRAINAGE AREA, 134 km^2
LONG 80 17 22 W REGULATED

REMARKS - REGULATION BY SMALL MILLS

LYNN RIVER AT SIMCOE - STATION NO. 02GC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---	---	1957
1958	---	5.89 ON FEB 27	0.227 ON SEP 15	37 300	1958
1959	---	15.3 ON MAR 6	0.178 ON OCT 29	51 700	1959
1960	---	24.9 ON MAR 31	0.119 ON DEC 15	49 700	1960
1961	---	7.82 ON FEB 23	0.085 ON FEB 14	37 800	1961
1962	---	21.5 ON MAR 12	0.099 ON SEP 11	31 600	1962
1963	---	14.5 B ON MAR 17	0.118 ON SEP 19	29 300	1963
1964	---	6.99 ON AUG 22	0.126 ON JUL 28	33 700	1964
1965	---	38.2 ON MAR 6 *	0.108 ON AUG 15	54 300	1965
1966	---	6.17 ON FEB 11	0.076 ON JUL 12	40 300	1966
1967	---	5.72 ON APR 6	0.566 ON JUL 6	43 800	1967
1968	---	17.8 ON FEB 2	0 ON FEB 6 *	43 100	1968
1969	26.8 AT 18:00 EST ON JAN 30 *	21.1 ON JAN 30	0.778 ON AUG 29	54 800	1969
1970	4.78 AT 20:43 EST ON APR 2	4.06 ON APR 3	0.504 ON AUG 11	41 700	1970
1971	20.1 AT 19:55 EST ON FEB 27	12.2 ON FEB 27	0.595 ON AUG 21	42 200	1971
1972	24.9 AT 04:19 EST ON MAR 3	20.1 ON MAR 3	0.714 ON SEP 22	52 300	1972
1973	8.80 AT 18:13 EST ON MAR 17	7.84 ON MAR 15	0.575 ON SEP 9	51 900	1973
1974	13.3 AT 07:13 EST ON MAR 5	10.6 ON MAR 5	0.714 ON OCT 10	51 500	1974
1975	10.4 AT 18:38 EST ON FEB 24	8.07 ON FEB 24	0.886 ON JUL 29	54 400	1975
1976	22.0 AT 18:59 EST ON MAR 5	16.0 ON MAR 5	1.07 ON OCT 29	74 100	1976
1977	23.8 AT 07:12 EST ON SEP 26	15.6 ON SEP 26	0.739 ON AUG 2	63 800	1977
1978	22.0 AT 18:48 EST ON MAR 21	15.8 ON MAR 21	0.875 ON JUL 28	63 900	1978
1979	17.6 AT 19:31 EST ON MAR 4	13.3 ON MAR 4	0.852 ON JUL 22	60 700	1979
1980	18.5 AT 16:51 EST ON MAR 21	10.0 ON MAR 21	0.773 ON JUL 19	59 000	1980
1981	13.5 AT 14:27 EST ON FEB 11	7.86 ON FEB 11	0.563 ON JUL 19	50 600	1981
1982	21.8 E AT 18:27 EST ON MAR 13	14.2 ON MAR 13	0.384 ON JUL 28	70 600	1982
1983	9.62 AT 10:28 EST ON FEB 3	8.16 ON FEB 3	1.08 ON JUL 18	58 600	1983
1984	17.1 AT 21:48 EST ON FEB 13	13.8 ON FEB 14	1.34 ON AUG 28	78 700	1984
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		51 800	MEAN

MAD RIVER NEAR GLENCAIRN - STATION NO. 02ED005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	0.685	1.52	1.58	---	1963
1964	2.58	2.38	4.85R	7.82R	2.96	1.51	1.18	0.986	0.597	0.601	0.890	1.44R	2.29R	1964
1965	1.32R	3.30R	2.40R	14.3	7.22	1.77	1.32	0.888	0.709	1.22	1.98	3.27	3.30R	1965
1966	3.02	3.18	5.15	4.94	3.38	2.29	0.944	0.837	0.873	1.14	1.57	2.67	2.56	1966
1967	2.13	2.66	4.37	11.2	3.80	5.10	6.26	3.66	3.28	4.43	6.03	6.88	5.14	1967
1968	3.15	6.83	10.2	9.20	4.03	2.27	1.31	2.05	1.82	2.20	5.12	6.50	4.56	1968
1969	5.12	4.07	6.04	15.6	8.89	3.63	2.21	1.15	0.808	1.43	2.09	1.93	4.42	1969
1970	1.36	1.66	1.93	18.6	6.33	2.40	2.26	1.27	1.41	1.84	1.92	2.78	3.62	1970
1971	2.26	1.90	4.08	17.0	5.36	2.00	1.41	1.00	0.874	0.958	1.20	2.69	3.38	1971
1972	1.80	1.48	1.92	15.9	8.19	2.83	1.74	1.32	1.02	1.62	2.45	2.41	3.38	1972
1973	4.88	4.83	13.8	10.9	4.86	2.81	1.56	1.52	0.944	1.18	3.01	2.99	4.43	1973
1974	3.14	2.99	9.77	12.3	6.91	2.88	4.10	1.85	1.24	1.55	2.23	1.93	4.23	1974
1975	2.81	2.86	4.71	12.2	8.28	2.20	1.55	1.24	1.38	1.20	1.30	1.67	3.43	1975
1976	1.78	2.43	17.0	10.3	5.13	1.99	2.09	1.61	1.70	2.13	3.34	2.69	4.38	1976
1977	1.86	1.46	14.3	9.10	2.52	1.66	1.34	1.89	2.59	4.62	5.23	4.41	4.22	1977
1978	3.03	2.01	2.81	14.9	7.58	3.22	1.85	1.44	1.55	1.94	1.83	1.93	3.43	1978
1979	2.84	2.02	11.9	13.4	6.05	2.53	1.87	1.49	1.47	2.81	4.84	5.59	4.78	1979
1980	5.54	2.27	6.54	9.63	3.89	2.86	3.19	2.42	2.50	3.21	3.53	4.19	4.16	1980
1981	1.88	9.18	6.73	5.83	4.62	2.49	1.89	2.05	2.72	3.78	4.76	4.74	4.17	1981
1982	3.60	2.21	6.50	21.3	4.82	4.36	2.18	1.91	1.83	2.05	4.26	3.35	5.26	1982
1983	4.91	3.88	7.81	9.59	5.17	2.51	0.834	0.906	1.11	1.30	3.13	2.84	3.74	1983
1984	1.82	7.45	5.61	13.8	4.61	2.42	1.58	1.21	2.05	1.32	2.82	5.47	4.15	1984
MEAN	2.87R	3.36R	7.10R	12.3 R	5.40	2.65	2.10	1.54	1.53	1.96	2.94	3.84R	3.96	MEAN

LOCATION - LAT 44 18 16 N DRAINAGE AREA, 295 km²
LONG 80 00 07 W REGULATED

R - REVISED SINCE JAN 1980

MAD RIVER NEAR GLENCAIRN - STATION NO. 02ED005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	---	18.8R ON APR 8	0.487 ON OCT 1	72 800R	1964
1965	---	31.7 ON APR 8	0.498 ON AUG 25	104 000R	1965
1966	---	17.0E ON MAR 19	0.549 ON JUL 30	80 900	1966
1967	129 AT 01:30 EST ON JUL 1 *	34.5 ON APR 3	1.05 ON JAN 22	152 000	1967
1968	51.6 AT 20:30 EST ON MAR 31	32.6B ON FEB 2	0.685 ON JUL 26	144 000	1968
1969	48.4 AT 22:36 EST ON MAY 18	32.0 ON APR 10	0.515 ON SEP 7	139 000	1969
1970	56.4 AT 14:05 EST ON APR 21	44.5 ON APR 21	0.974 ON AUG 25	114 000	1970
1971	37.8 AT 06:44 EST ON APR 13	35.1 ON APR 13	0.868 ON OCT 30	107 000	1971
1972	54.4 AT 23:29 EST ON APR 18	38.6 ON APR 19	0.733 ON SEP 24	107 000	1972
1973	41.9 AT 09:11 EST ON APR 2	35.1 ON APR 2	0.733 ON SEP 18	140 000	1973
1974	54.8E AT 05:02 EST ON APR 4	42.5E ON APR 4	0.940 ON SEP 15	133 000	1974
1975	82.1E AT 07:48 EST ON APR 19	82.1E ON APR 19 *	0.951E ON AUG 11	108 000	1975
1976	104 AT 02:01 EST ON MAR 21	67.1 ON MAR 21	1.10 E ON SEP 14	138 000	1976
1977	58.3 AT 08:18 EST ON MAR 13	43.3 ON MAR 13	0.923 ON JUL 24	133 000	1977
1978	37.7E AT 18:30 EST ON APR 11	22.4E ON APR 11	0.920E ON SEP 11	115 000	1978
1979	50.3 AT 09:12 EST ON MAR 25	37.6 ON APR 14	1.02 ON SEP 30	151 000	1979
1980	74.4 AT 14:19 EST ON MAR 21	41.6 ON MAR 21	1.36 ON JUL 12	131 000	1980
1981	---	34.5B ON FEB 19	1.21 ON AUG 22	131 000	1981
1982	80.3 AT 18:00 EST ON MAR 31	57.5 ON MAR 31	1.06 ON SEP 11	186 000	1982
1983	25.7 AT 11:33 EST ON APR 10	19.8 ON APR 10	0.481 ON JUL 24 *	118 000	1983
1984	49.1 AT 02:58 EST ON DEC 29	33.3 ON DEC 29	0.937 ON AUG 26	131 000	1984
				125 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

MADAWASKA RIVER AT BARK LAKE DAM - STATION NO. 02KD007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1942	---	---	---	---	---	---	---	---	4.94	0.315	1.20	43.4	---	1942
1943	53.6	47.4	51.0	25.8	146	38.7	18.2	11.2	13.8	13.8	31.7	70.3	43.5	1943
1944	58.9	22.5	40.5	8.80	0.187	0.223	0.656	8.76	36.1	46.5	33.7	34.4	24.2	1944
1945	43.7	52.2	30.5	26.7	38.4	54.0	22.1	10.5	28.8	19.8	24.0	31.6	31.7	1945
1946	55.0	59.8	46.3	29.2	8.63	32.5	10.1	4.60	25.7	25.0	41.7	22.7	29.8	1946
1947	46.2	74.6	55.6	57.8	88.6	72.9	34.9	15.9	29.9	33.3	45.9	46.1	50.8	1947
1948	49.8	53.2	25.1	12.0	34.1	37.1	11.0	11.9	46.5	20.7	20.1	22.6	28.5	1948
1949	61.8	88.8	58.9	9.65	38.8	28.4	9.43	34.4	43.4	44.2	30.1	18.2	38.5	1949
1950	8.89	66.2	51.5	5.17	33.4	22.9	18.2	17.6	48.9	54.7	34.0	11.4	30.6	1950
1951	46.2	80.1	64.0	88.1	59.1	28.3	23.0	10.2	35.5	24.8	53.2	50.1	46.6	1951
1952	62.4	73.4	62.7	15.6	19.8	26.1	10.3	6.23	40.9	47.5	46.6	15.4	35.4	1952
1953	46.8	36.5	18.0	0	0	8.63	8.28	28.4	65.8	33.5	18.2	10.7	22.8	1953
1954	25.8	24.6	39.9	9.74	4.55	31.8	13.4	13.1	18.4	53.7	42.3	64.3	28.5	1954
1955	70.1	73.8	31.6	21.6	18.8	23.8	11.8	7.72	4.63	1.41	0.274	46.6	25.7	1955
1956	82.0	63.8	27.8	4.83	2.91	29.0	20.4	13.8	35.0	43.7	57.8	50.4	34.1	1956
1957	42.6	28.8	34.0	5.67	0	0	31.5	16.3	22.0	38.8	26.6	53.1	25.0	1957
1958	67.9	82.0	71.3	16.6	0	12.2	21.7	32.0	19.0	19.4	18.4	39.1	33.1	1958
1959	54.2	44.1	18.2	9.70	38.0	15.0	1.75	6.07	23.1	30.9	37.5	33.9	26.2	1959
1960	53.6	58.6	65.4	41.6	63.6 R	20.6 R	19.0 R	9.33R	19.2 R	40.6 R	48.3 R	35.6 R	41.1R	1960
1961	30.4 R	28.0R	3.87	0	0	0	14.0	27.3 R	23.6 R	28.0 R	34.0 R	26.1 R	17.8R	1961
1962	40.6 R	46.5R	18.4 R	0	0.027	3.69	13.1 R	22.0 R	20.9 R	8.20 R	6.60 R	16.4 R	16.2R	1962
1963	41.2 R	55.2R	20.4 R	0	2.62	28.3 R	29.4 R	8.78R	19.2 R	18.5 R	7.46 R	32.7 R	21.9R	1963
1964	84.5 R	68.1R	29.0 R	9.49 R	0	0	2.74	9.80R	19.9 R	9.33 R	8.93 R	13.0 R	19.2R	1964
1965	40.9 R	32.8R	33.9 R	2.99	42.2 R	17.9 R	13.1 R	14.4 R	8.95R	37.5 R	62.6 R	58.7 R	31.4R	1965
1966	85.2 R	59.8R	50.4 R	15.8 R	58.7 R	48.7 R	23.6 R	17.6 R	20.4 R	19.5 R	3.90 R	67.8 R	39.3R	1966
1967	81.9 R	57.2R	69.5 R	3.99	36.3 R	53.4 R	40.9 R	19.2 R	41.3 R	35.1 R	81.0 R	76.6 R	48.7R	1967
1968	101 R	82.6R	28.7 R	0	0	15.2 R	21.8 R	20.3 R	15.6 R	27.7 R	18.7 R	35.8 R	28.9R	1968
1969	47.4 R	38.8R	13.4 R	8.49 R	77.5 R	36.3 R	29.0 R	19.4 R	21.4 R	21.3 R	21.6 R	46.0 R	31.8R	1969
1970	54.3 R	32.3R	12.7 R	7.45 R	31.1 R	34.4 R	30.5 R	47.2 R	24.9 R	18.8 R	31.7 R	33.8 R	30.0R	1970
1971	89.4 R	44.4R	21.8 R	43.1 R	24.7 R	27.8 R	10.1 R	15.8 R	38.1 R	27.5 R	20.7 R	7.36R	28.1R	1971
1972	23.7 R	41.0R	34.2 R	25.1 R	71.4 R	43.1 R	43.7 R	26.0 R	42.7 R	28.4 R	48.6 R	76.5 R	42.1R	1972
1973	51.8 R	52.1R	50.5 R	88.4 R	80.2 R	57.3 R	21.0 R	19.7 R	8.78R	18.6 R	37.6 R	20.3 R	40.4R	1973
1974	53.3 R	78.8R	84.2 R	24.3 R	118 R	35.9 R	13.1 R	20.4 R	28.3 R	13.9 R	4.52 R	83.1 R	43.2R	1974
1975	70.9 R	58.6R	21.2 R	31.2 R	7.35 R	2.65 R	13.3 R	10.6 R	18.1 R	18.1 R	29.3 R	48.8 R	27.4R	1975
1976	64.2 R	36.1R	35.8 R	71.7 R	44.8 R	26.3 R	20.9 R	14.0 R	10.6 R	10.6 R	15.2 R	43.4 R	32.8R	1976
1977	53.0 R	48.6R	8.26R	0.283R	7.18 R	8.57 R	10.5 R	9.77R	8.11R	8.50 R	30.0 R	67.3 R	21.7R	1977
1978	81.7 R	72.8R	23.9 R	26.3 R	47.9 R	32.7 R	9.71 R	8.87R	12.2 R	33.9 R	34.1 R	40.2 R	33.4R	1978
1979	38.3	63.4	38.4	42.8	84.1	32.9	10.1	8.96	6.72	31.4	32.4	65.8	36.2	1979
1980	71.3	74.8	27.7	34.3	27.5	37.6	35.4	38.1	9.83	27.1	44.2	58.1	40.2	1980
1981	83.9	82.0	85.2	13.7	51.0	27.2	12.4	15.4	64.2	36.4	47.4	60.3	44.1	1981
1982	87.0	53.0	20.5	35.6	18.1	38.2	18.4	8.07	8.55	8.45	28.1	74.3	31.2	1982
1983	84.0	89.0	17.3	20.3	115	36.4	8.38	7.53	7.20	8.38	25.1	43.1	38.2	1983
1984	80.1	73.1	57.3	45.2	51.7	31.8	20.8	9.20	7.38	7.69	31.1	42.9	38.1	1984
MEAN	58.1 R	58.3R	37.8 R	22.4 R	37.2 R	27.7 R	17.9 R	16.1 R	24.3 R	25.4 R	30.5 R	42.5 R	32.9	MEAN

LOCATION - LAT 45 24 59 N
LONG 77 47 17 W

DRAINAGE AREA, 2 720 km²
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

R - REVISED SINCE JAN 1980

MADAWASKA RIVER AT BARK LAKE DAM - STATION NO. 02KD007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1942	---	---	---	---	1942
1943	---	222 ON MAY 11	0.340 ON APR 8	1 370 000	1943
1944	---	133 ON JAN 1	0 ON MAR 26 *	783 000	1944
1945	---	78.2 ON JUN 19	0 ON MAR 23	899 000	1945
1946	---	86.8 ON MAR 24	0 ON MAR 17	938 000	1946
1947	---	201 ON MAY 8	0 ON JAN 1	1 800 000	1947
1948	---	118 ON MAY 22	0 ON MAR 18	903 000	1948
1949	---	100 ON FEB 4	0 ON MAR 30	1 220 000	1949
1950	---	100 ON FEB 12	0 ON JAN 1	988 000	1950
1951	---	200 ON APR 17	0 ON MAR 28	1 470 000	1951
1952	---	87.5 ON MAR 1	0 ON APR 15	1 120 000	1952
1953	---	132 ON SEP 18	0 ON JAN 1	718 000	1953
1954	---	101 ON OCT 18	0 ON MAR 4	900 000	1954
1955	---	93.2 ON FEB 7	0 ON APR 17	811 000	1955
1956	---	83.8 ON NOV 10	0 ON APR 10	1 080 000	1956
1957	---	76.2 ON DEC 31	0 ON APR 2	789 000	1957
1958	---	98.3 ON MAR 5	0 ON APR 8	1 040 000	1958
1959	---	73.1 ON JAN 21	0 ON MAR 5	828 000	1959
1960	---	119 ON APR 28	0.425 ON APR 20	1 300 000R	1960
1961	---	63.1 ON JUL 26	0 ON MAR 11	884 000R	1961
1962	---	56.4 ON FEB 8	0 ON APR 1	513 000R	1962
1963	---	64.6 ON FEB 25	0 ON MAR 29	890 000R	1963
1964	---	77.6 ON FEB 19	0 ON MAR 10	809 000R	1964
1965	---	97.4 ON MAY 15	0 ON FEB 12	989 000R	1965
1966	---	129 ON FEB 15	0 ON MAR 24	1 240 000R	1966
1967	---	138 ON MAR 12	0 ON APR 4	1 570 000R	1967
1968	---	114 ON JAN 11	0 ON MAR 23	915 000R	1968
1969	---	143 ON MAY 13	0 ON OCT 21	1 000 000R	1969
1970	---	107 ON JUL 22	0 ON APR 20	945 000R	1970
1971	---	89.2 ON JAN 14	0 ON DEC 14	918 000R	1971
1972	---	156 ON MAY 19	0.565 ON OCT 26	1 330 000R	1972
1973	---	122 ON APR 4	0 ON MAR 20	1 270 000R	1973
1974	---	165 ON MAY 21	0.425 ON APR 19	1 350 000R	1974
1975	---	85.2 ON JAN 8	0 ON MAY 15	884 000R	1975
1976	---	105 ON APR 20	0 ON JAN 1	1 040 000R	1976
1977	---	86.9 ON DEC 23	0 ON MAR 18	885 000R	1977
1978	---	127 ON MAY 18	0 ON APR 28	1 050 000R	1978
1979	---	116 ON MAY 4	5.18 ON JUL 5	1 140 000	1979
1980	---	90.9 ON JUL 31	0 ON NOV 4	1 270 000	1980
1981	---	180 ON MAR 10	0.400 ON FEB 27	1 390 000	1981
1982	---	103 ON JUN 24	3.90 ON MAY 31	985 000	1982
1983	---	286 ON MAY 9 *	0.900 ON MAR 18	1 200 000	1983
1984	---	98.8 ON FEB 1	4.00 ON AUG 3	1 210 000	1984
				1 040 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

MADAWASKA RIVER AT CALABOGIE - STATION NO. 02KE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1937	---	---	---	---	---	---	---	---	---	31.1	63.4	70.7	---	1937
1938	64.3	62.8	141	380	218	118	38.6	25.4	33.9	47.6	37.5	35.3	89.1	1938
1939	36.9	38.6	40.1	140	348	85.8	33.8	28.1	25.0	34.7	30.0	24.4	72.5	1939
1940	21.8	21.9	26.2	141	240	210	55.3	27.7	31.3	---	---	---	---	1940
1941	86.6	65.7	43.3	225	157	50.0	44.9	35.4	20.6	27.8	55.6	83.1	89.5	1941
1942	62.3	49.3	68.0	223	138	133	28.2	12.1	19.1	30.8	49.7	73.8	73.0	1942
1943	77.8	79.5	92.8	192	535	137	48.3	31.5	29.3	28.9	69.6	78.8	117	1943
1944	68.8	33.4	56.2	55.8	88.3	49.1	23.2	13.5	38.7	45.7	41.3	48.9	47.8	1944
1945	65.7	57.7	118	188	130	148	58.4	24.0	40.5	50.5	85.4	57.8	82.3	1945
1946	75.9	80.5	117	107	87.0	64.7	23.3	18.9	22.4	44.0	59.9	57.4	61.3	1946
1947	74.9	109	102	339	380	189	82.9	43.2	43.4	46.7	52.5	58.4	133	1947
1948	59.1	87.6	87.7	154	121	83.0	36.6	23.0	41.8	31.4	38.9	44.3	67.3	1948
1949	71.7	100	103	238	131	52.1	18.0	26.0	41.1	42.0	38.9	50.0	75.2	1949
1950	83.7	112	88.3	180	110	66.9	35.0	25.1	45.0	54.6	80.1	83.6	78.2	1950
1951	77.0	98.6	110	475	222	89.0	59.7	19.2	41.9	---	---	---	---	1951
1952	---	---	---	---	---	---	---	---	---	---	---	---	---	1952
1953	83.0	82.8	104	131	82.5	51.8	34.1	35.2	88.1	83.8	68.3	48.4	---	1953
MEAN	83.3	88.7	87.7	212	197	99.7	41.4	25.2	36.1	39.8	61.3	65.2	80.5	MEAN

LOCATION - LAT 45 18 15 N
LONG 76 42 30 W

DRAINAGE AREA, 6 000 km^2
REGULATED

DATA CONTRIBUTED BY -
ONTARIO HYDRO

MADAWASKA RIVER AT CALABOGIE - STATION NO. 02KE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1937	---	---	---	---	1937
1938	---	439 ON APR 3	14.3 ON AUG 28	3 120 000	1938
1939	---	513 ON MAY 3	16.8 ON SEP 4	2 290 000	1939
1940	---	379 ON JUN 1	16.8 ON AUG 25	---	1940
1941	---	371 ON APR 23	14.8 ON AUG 10	2 180 000	1941
1942	---	320 ON APR 8	1.84 ON AUG 23	2 300 000	1942
1943	---	637 ON MAY 14	7.42 ON OCT 3	3 680 000	1943
1944	---	137 ON MAY 15	7.05 ON DEC 25	1 510 000	1944
1945	---	276 ON APR 5	5.10 ON AUG 25	2 600 000	1945
1946	---	187 ON APR 1	3.20 ON JUN 30	1 940 000	1946
1947	---	580 ON APR 14	5.32 ON SEP 13	3 690 000	1947
1948	---	251 ON MAY 24	2.21 ON SEP 11	2 130 000	1948
1949	---	257 ON APR 8	0.255 ON JUL 10 *	2 370 000	1949
1950	---	303 ON APR 21	2.35 ON SEP 17	2 470 000	1950
1951	---	818 ON APR 30 *	---	---	1951
1952	---	---	---	---	1952
1953	---	343 ON MAR 29	---	---	1953
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 540 000	MEAN

MADAWASKA RIVER AT CLAY BANK - STATION NO. 02KE004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1916	---	---	---	---	---	---	---	---	---	33.3	57.2	---	---	1916
1917	---	---	---	293	211	129	76.7	40.0	16.1	---	---	---	---	1917
MEAN	---	---	---	293	211	129	76.7	40.0	16.1	33.3	57.2	---	---	MEAN

LOCATION - LAT 45 24 20 N, LONG 76 23 37 W
DRAINAGE AREA, 8 310 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

MADAWASKA RIVER AT CLAY BANK - STATION NO. 02KE004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1916	---	---	---	---	1916
1917	---	323 ON APR 4 *	---	---	1917
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MADAWASKA RIVER AT MADAWASKA - STATION NO. 02KD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	---	---	---	8.89	8.88	---	1915
1916	10.5	18.6	13.0	82.4	80.6	27.8	14.8	8.77	8.02	7.47	14.4	27.8	22.2	1916
1917	7.42	7.00	11.2	61.8	42.8	25.4	19.4	10.1	5.68	7.85	7.38	---	---	1917
1918	---	---	---	48.3	40.7	19.1	12.3	8.52	15.7	23.8	24.7	26.5	---	1918
1919	24.7	13.8	17.8	42.8	89.3	44.0	10.0	5.93	4.81	7.27	24.3	28.5	23.4	1919
1920	7.81	7.78	16.3	38.7	26.5	15.3	10.2	7.24	7.81	8.25	10.5	13.5	14.0	1920
1921	15.8	13.6	60.0	88.3	32.2	12.9	7.78	5.98	4.16	3.88	3.55	7.54	18.7	1921
1922	6.14	5.40	9.44	88.2	38.8	15.8	8.25	8.88	8.23	8.14	8.34	8.88	18.0	1922
1923	8.92	4.56	5.10	84.8	61.8	26.4	9.58	8.01	8.70	8.85	5.89	14.4	18.1	1923
1924	12.8	9.43	9.13	37.8	71.3	23.5	8.91	7.73	7.71	7.33	8.38	8.31	17.2	1924
1925	4.82	5.31	18.0	80.8	34.2	24.8	13.5	8.88	8.45	8.47	8.34	17.8	18.5	1925
1926	7.87	5.89	7.38	19.7	71.4	28.5	22.8	11.7	8.08	8.26	28.5	34.8	21.5	1926
1927	11.0	8.34	24.1	24.8	34.9	26.7	22.4	18.2	8.89	9.20	19.8	26.8	20.2	1927
1928	17.7	12.7	16.3	105	47.5	20.4	16.8	20.0	17.8	41.8	44.8	27.3	32.4	1928
1929	20.0	16.9	31.2	82.2	76.2	22.8	13.5	8.74	3.24	3.48	3.37	3.14	23.8	1929
1930	5.72	8.85	20.0	35.7	43.4	23.3	11.8	8.42	8.89	4.85	3.38	1.89	14.5	1930
1931	1.53	3.12	2.24	13.1	23.4	9.31	8.27	8.07	4.18	3.82	8.02	11.8	7.28	1931
1932	19.4	30.1	14.5	87.0	33.8	15.9	12.3	8.75	10.0	22.8	39.8	27.4	23.4	1932
1933	24.2	13.8	8.85	83.1	46.8	18.4	12.0	8.37	3.38	2.78	2.70	2.10	17.1	1933
1934	2.88	3.82	8.21	38.1	85.8	18.2	10.1	8.77	4.31	8.12	8.03	14.1	14.2	1934
1935	10.1	8.81	13.2	28.0	30.3	16.8	18.8	15.0	7.23	8.21	8.92	8.01	14.4	1935
1936	8.01	7.86	8.17	48.2	72.3	27.1	10.8	8.25	4.82	7.12	11.1	8.37	18.4	1936
1937	23.8	17.8	14.0	35.0	80.1	18.4	8.32	8.82	4.86	8.12	13.8	15.8	17.8	1937
1938	10.3	8.88	31.4	83.7	85.8	22.4	10.1	8.90	8.78	8.46	8.72	8.81	21.8	1938
1939	7.18	8.98	8.30	34.8	70.8	19.1	8.88	8.28	4.87	3.83	8.83	8.42	18.3	1939
1940	3.88	3.87	3.88	13.8	48.7	34.3	11.2	8.73	7.10	10.3	18.3	15.2	14.8	1940
1941	12.8	8.73	8.30	88.3	28.1	8.93	8.82	3.88	2.83	3.44	12.0	12.7	13.8	1941
1942	12.8	8.83	11.4	81.2	---	---	---	---	---	---	---	---	---	1942
MEAN	11.3	8.72	14.8	50.8	48.8	21.8	12.3	8.34	8.87	8.87	13.0	14.8	18.3	MEAN

LOCATION - LAT 45 30 50 N, LONG 77 58 08 W
DRAINAGE AREA, 1 370 km^2
REGULATED

MADAWASKA RIVER AT MADAWASKA - STATION NO. 02KD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	98.0 ON APR 24	4.90 ON OCT 12	703 000	1916
1917	---	84.4 ON APR 23	---	---	1917
1918	---	59.7 ON APR 3	---	---	1918
1919	---	80.3 ON MAY 26	3.94 ON SEP 21	739 000	1919
1920	---	50.1 ON APR 24	5.41 ON OCT 23	442 000	1920
1921	---	155 ON MAR 26	2.55 ON NOV 14	833 000	1921
1922	---	177 ON APR 17	5.328 ON JAN 26	570 000	1922
1923	---	134 ON APR 30	4.568 ON FEB 1	604 000	1923
1924	---	94.0 ON MAY 5	4.50 ON NOV 18	544 000	1924
1925	---	82.0 ON APR 15	4.568 ON JAN 28	521 000	1925
1926	---	96.3 ON MAY 11	5.898 ON FEB 1	578 000	1926
1927	---	58.3 ON MAR 20	7.79 ON SEP 18	837 000	1927
1928	---	198 ON APR 8 *	11.6 B ON FEB 15	1 020 000	1928
1929	---	127 ON MAY 4	2.97 ON SEP 18	743 000	1929
1930	---	58.0 ON MAY 11	1.598 ON DEC 1	456 000	1930
1931	---	27.2 ON MAY 12	1.538 ON JAN 1 *	230 000	1931
1932	---	77.6 ON APR 14	6.80 ON AUG 28	738 000	1932
1933	---	101 ON APR 21	1.93 ON NOV 22	539 000	1933
1934	---	93.2 ON MAY 5	2.698 ON JAN 1	448 000	1934
1935	---	41.3 ON MAY 4	5.66 ON OCT 7	454 000	1935
1936	---	133 ON MAY 5	4.33 ON SEP 5	583 000	1936
1937	---	71.1 ON APR 29	4.42 ON AUG 28	583 000	1937
1938	---	120 ON MAR 30	4.42 ON SEP 15	680 000	1938
1939	---	106 ON APR 30	3.64 ON SEP 27	484 000	1939
1940	---	70.2 ON MAY 27	3.14 ON JAN 7	480 000	1940
1941	---	108 ON APR 22	2.44 ON SEP 28	428 000	1941
1942	---	83.3 ON APR 18	---	---	1942
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		579 000	MEAN

MADAWASKA RIVER AT PALMER RAPIDS - STATION NO. 02KD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1930	23.8	27.8	46.4	121	151	89.6	43.5	25.7	24.1	21.2	19.9	17.8	51.1	1930
1931	15.4	15.1	13.8	40.5	57.8	43.0	25.1	14.7	16.4	15.8	15.4	32.7	25.5	1931
1932	76.7	83.5	88.0	157	148	83.8	34.7	27.6	25.4	47.9	105	93.8	78.0	1932
1933	78.7	82.3	45.1	148 R	180 R	89.9	33.2	19.3	17.7	18.2	19.9	18.5	58.3R	1933
1934	20.1	20.4	22.1	139	182	54.3	34.6	20.6	21.9	20.2	19.8	53.7	50.8	1934
1935	43.1	33.6	51.3	122	102	84.8	85.1	55.8	28.1	20.8	29.7	37.8	58.1	1935
1936	32.0	32.0	80.1	207	270	112	45.3	20.6	16.5	20.0	32.6	27.8	72.2	1936
1937	85.7	74.0	70.1	132	200	88.5	34.7	21.0	24.2	24.7	46.0	52.4	71.1	1937
1938	39.8	44.1	77.2	248	152	84.9	33.4	25.1	27.8	38.0	29.5	29.8	70.0	1938
1939	30.9	35.6	31.7	76.8	237	85.1	25.2	20.6	21.5	27.2	22.6	18.5	51.2	1939
1940	17.2	19.2	19.8	58.3	148	151	42.8	20.0	26.6	27.2	36.7	43.8	50.7	1940
1941	54.0	45.3	34.1	148	114	42.1	33.4	20.5	15.7	20.1	38.6	45.5	50.8	1941
1942	44.9	37.6	47.7	118	123	103	22.8	16.8	18.7	14.3	26.4	63.4	52.6	1942
1943	70.8	71.0	76.4	104	374	104	40.1	26.5	26.4	28.3	57.0	75.7	88.0	1943
1944	70.2	29.3	51.8	40.6	47.6	33.2	17.7	11.5	39.0	46.0	35.8	46.8	39.2	1944
1945	53.5	57.7	78.7	119	95.1	109	44.8	22.8	37.7	37.6	52.0	48.1	62.8	1945
1946	72.6	75.3	87.6	92.2	44.2	54.0	20.8	15.2	24.3	33.0	52.4	41.7	50.9	1946
1947	67.6	91.7	78.8	182	252	144	74.0	35.7	40.7	42.8	52.2	54.0	82.8	1947
1948	55.6	66.2	73.8	131	89.2	87.3	33.5	20.8	47.2	28.0	36.5	37.1	58.6	1948
1949	78.5	102	84.0	133	105	41.5	18.4	29.7	41.4	51.0	33.2	39.6	62.9	1949
1950	89.0	104	82.5	110	88.9	51.3	34.3	23.3	48.4	53.5	55.0	47.3	63.8	1950
1951	70.5	98.3	84.1	263	178	80.0	46.6	22.3	39.0	36.9	82.1	97.5	80.4	1951
1952	93.0	105	102	151	86.1	89.4	25.1	19.5	48.8	53.8	57.5	40.9	71.7	1952
1953	70.1	55.2	74.9	95.0	51.1	38.9	28.1	36.5	68.9	41.2	33.9	34.6	53.1	1953
1954	41.2	44.2	86.1	145	80.4	74.2	29.3	28.8	37.7	86.4	75.7	90.5	70.1	1954
1955	84.0	87.1	89.3	184	82.1	38.5	20.1	18.3	10.4	16.3	47.6	64.6	59.9	1955
1956	81.6	82.3	46.2	85.1	128	87.6	46.2	29.1	52.6	55.5	66.2	69.0	69.3	1956
1957	63.4	63.5	60.4	61.6	41.1	30.0	73.6	27.4	32.2	51.7	64.0	108	55.7	1957
1958	118	112	86.5	121	56.2	37.9	42.6	36.6	33.6	39.5	45.2	52.9	66.0	1958
1959	66.0	66.4	41.2	116	142	50.3	17.8	16.9	34.7	50.5	76.4	84.3	63.6	1959
1960	93.4	98.3	101	197	207	59.0	40.0	19.8	25.1	47.3	55.3	48.5	82.6	1960
1961	40.4	39.0	24.1	44.5	71.2	41.6	43.0	54.0	36.1	37.3	45.6	44.5	43.7	1961
1962	52.3	57.2	42.1	71.1	80.5	25.7	24.0	28.6	26.4	21.4	31.2	46.9	40.5	1962
1963	60.2	73.5	55.3	82.6	68.6	60.2	37.5	19.6	26.8	34.3	26.2	51.4	49.5	1963
1964	79.3	85.4	61.7	73.9	59.9	22.7	10.5	15.0	25.2	15.6	15.6	25.9	40.7	1964
1965	49.2	44.8	56.1	74.6	143	45.9	24.9	23.6	20.5	65.5	106	124	65.1	1965
1966	131	84.2	119	103	141	105	35.3	28.7	28.9	28.7	25.8	143	81.2	1966
1967	117	89.5	92.2	127	92.6	128	123	36.3	60.9	108	172	123	106	1967
1968	136	95.0	79.9	100	32.2	45.7	46.4	28.6	29.3	38.6	32.2	56.6	80.0	1968
1969	70.7	67.5	45.6	135	209	97.6	68.5	36.5	29.8	35.0	44.6	69.7	75.9	1969
1970	73.9	54.2	38.9	82.0	145	73.8	63.1	61.1	35.5	34.1	51.8	62.5	64.8	1970
1971	81.8	67.7	63.5	153	141	56.6	27.5	26.7	50.9	42.1	35.1	32.8	65.6	1971
1972	46.2	63.5	67.5	105	241	125	89.3	54.3	60.7	57.9	117	116	95.4	1972
1973	103	95.5	166	259	141	109	47.1	53.0	28.1	41.0	84.4	82.4	97.4	1973
1974	93.9	120	137	186	273	88.3	31.2	40.8	44.3	34.7	47.5	108	100	1974
1975	104	86.4	89.2	133	109	39.8	27.0	19.8	31.5	32.3	46.5	78.7	64.7	1975
1976	95.2	82.8	122	273	121	56.8	49.1	26.6	27.9	26.3	35.2	63.6	79.8	1976
1977	72.7	86.9	74.4	84.9	39.7	23.4	17.9	17.8	19.2	34.8	71.3	121	53.6	1977
1978	103	107	80.7	147	180	83.3	23.4	19.9	30.3	52.7	57.7	70.6	78.9	1978
1979	73.0	98.3	108	229	162	75.2	22.3	21.6	16.3	54.9	72.2	130	88.2	1979
1980	117	99.3	80.2	182	83.7	82.4	68.3	75.6	27.2	58.8	84.8	97.9	89.6	1980
1981	92.3	128	216	115	118	60.5	31.6	33.9	118	75.3	66.1	82.7	97.2	1981
1982	88.1	81.1	82.1	171	105	84.1	39.2	16.4	19.1	25.0	68.3	155	76.8	1982
1983	147	131	81.4	116	284	80.1	22.4	16.3	16.2	23.6	51.0	76.9	87.6	1983
1984	110	121	116	234	162	63.6	40.1	26.0	21.7	19.9	55.7	71.6	85.7	1984
MEAN	73.5	71.7	72.8	133 R	135 R	71.0	39.6	27.8	32.8	38.4	52.3	68.2	67.8	MEAN

LOCATION - LAT 45 19 39 N LONG 77 30 50 W DRAINAGE AREA, 5 800 km² REGULATED

R - REVISED SINCE JAN 1980

MADAWASKA RIVER AT PALMER RAPIDS - STATION NO. 02KD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1930	---	186 ON APR 23	13.5 ON DEC 31	1 610 000	1930
1931	---	72.8 ON MAY 14	9.77 ON AUG 8	803 000	1931
1932	---	217 ON APR 25	21.2 ON SEP 8	2 470 000	1932
1933	---	214 ON MAY 9	17.4 ON AUG 18	1 840 000R	1933
1934	---	248 ON APR 28	15.8 ON NOV 3	1 800 000	1934
1935	---	127 ON APR 16	17.4 ON SEP 28	1 830 000	1935
1936	---	389 ON MAY 10	15.6 ON SEP 19	2 280 000	1936
1937	---	251 ON MAY 11	18.0 ON AUG 5	2 240 000	1937
1938	---	283 ON APR 3	18.8 ON JUL 20	2 210 000	1938
1939	---	314 ON MAY 4	17.4 ON DEC 31	1 610 000	1939
1940	---	282 ON JUN 2	16.6 ON JAN 9	1 810 000	1940
1941	---	273 ON APR 25	13.7 ON OCT 1	1 600 000	1941
1942	---	178 ON MAY 28	10.4 ON OCT 29	1 670 000	1942
1943	---	493 ON MAY 13 *	17.0 ON AUG 19	2 770 000	1943
1944	---	131 ON JAN 3	11.1 ON AUG 9	1 240 000	1944
1945	---	143 ON APR 5	16.0 ON AUG 14	1 980 000	1945
1946	---	138 ON MAR 29	13.6 ON AUG 27	1 600 000	1946
1947	---	394 ON MAY 7	18.8 ON AUG 12	2 930 000	1947
1948	---	183 ON MAY 27	14.7 ON OCT 15	1 850 000	1948
1949	---	172 ON APR 30	13.5 ON AUG 11	1 990 000	1949
1950	---	144 ON APR 30	18.8 ON AUG 18	2 010 000	1950
1951	---	402 ON APR 19	20.4 ON AUG 26	2 850 000	1951
1952	---	189 ON APR 15	7.93 ON AUG 1	2 270 000	1952
1953	---	144 ON APR 1	8.21 ON AUG 2	1 680 000	1953
1954	---	182 ON APR 20	16.6 ON AUG 26	2 210 000	1954
1955	---	242 ON APR 21	5.30 ON SEP 14	1 890 000	1955
1956	---	142 ON MAY 17	16.1 ON AUG 17	2 190 000	1956
1957	---	133 ON DEC 24	17.6 ON AUG 23	1 760 000	1957
1958	---	155 ON APR 24	25.9 ON JUN 16	2 080 000	1958
1959	---	246 ON MAY 6	7.05 ON AUG 3	2 010 000	1959
1960	---	323 ON MAY 1	9.80 ON AUG 9	2 610 000	1960
1961	---	109 ON MAY 2	13.4 ON APR 12	1 380 000	1961
1962	---	96.8 ON APR 17	18.1 ON SEP 28	1 280 000	1962
1963	---	135 ON APR 8	15.9 ON AUG 9	1 560 000	1963
1964	---	128 ON APR 24	8.65 ON AUG 4	1 290 000	1964
1965	---	207 ON MAY 18	8.78 ON SEP 28	2 050 000	1965
1966	---	209 ON DEC 12	21.2 ON NOV 6	2 550 000	1966
1967	---	259 ON OCT 27	1.84 ON MAR 7 *	3 330 000	1967
1968	---	150 ON JAN 6	15.7 ON MAY 11	1 900 000	1968
1969	---	314 ON MAY 21	19.8 ON OCT 23	2 390 000	1969
1970	---	191 ON MAY 2	16.1 ON OCT 9	2 040 000	1970
1971	---	314 ON APR 27	18.6 ON AUG 6	2 070 000	1971
1972	---	343 ON MAY 12	31.1 ON JAN 2	3 080 000	1972
1973	360 AT 18:32 EST ON APR 5	357 ON APR 5	18.9 ON JUL 23	3 070 000	1973
1974	374 AT 20:03 EST ON MAY 16	371 ON MAY 17	20.1 ON OCT 30	3 180 000	1974
1975	272 AT 21:50 EST ON APR 29	270 ON APR 30	14.0 ON OCT 5	2 040 000	1975
1976	371 AT 18:22 EST ON APR 2	362 ON APR 2	13.8 ON SEP 8	2 520 000	1976
1977	131 AT 02:35 EST ON DEC 10	130 ON DEC 10	17.3 ON AUG 30	1 590 000	1977
1978	286 AT 18:11 EST ON APR 27	283 ON APR 27	17.8 ON AUG 13	2 430 000	1978
1979	264 AT 02:38 EST ON APR 3	263 ON APR 3	14.0 ON SEP 6	2 780 000	1979
1980	256 AT 20:25 EST ON APR 18	255 ON APR 20	17.4 ON SEP 1	2 840 000	1980
1981	320 AT 20:52 EST ON MAR 10	314 ON MAR 10	19.3 ON JUL 18	3 070 000	1981
1982	295 AT 11:02 EST ON MAY 1	295 ON MAY 1	14.7 ON AUG 17	2 430 000	1982
1983	448 AT 07:39 EST ON MAY 12 *	448 ON MAY 12	13.5 ON AUG 21	2 770 000	1983
1984	314 AT 18:12 EST ON APR 23	313 ON APR 23	14.7 ON SEP 1	2 710 000	1984
				2 140 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

MADAWASKA RIVER AT STEWARTVILLE - STATION NO. 02KE005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1949	---	118	113	246	145	53.6	18.9	28.2	42.5	45.1	38.3	53.1	---	1949
1950	87.4	116	104	201	129	59.5	36.3	27.7	46.2	53.6	60.0	61.3	82.2	1950
1951	76.8	87.8	115	436	238	72.3	61.0	19.1	38.4	45.4	95.3	119	117	1951
1952	108	115	121	261	135	82.1	30.3	26.4	45.8	52.5	58.4	62.0	90.1	1952
1953	85.8	84.7	117	147	105	55.0	33.7	35.3	67.7	38.6	36.6	42.0	67.3	1953
1954	48.1	63.7	128	284	143	98.2	35.2	30.7	38.1	97.3	98.7	116	95.9	1954
1955	107	101	87.8	327	118	51.6	18.3	18.4	10.4	20.6	77.1	76.0	84.7	1955
1956	88.8	86.9	87.5	184	218	122	86.3	34.8	57.3	63.0	72.8	71.7	81.7	1956
1957	73.4	83.7	72.8	84.2	85.8	43.2	86.3	31.2	30.8	65.0	73.8	123	67.9	1957
1958	123	114	114	188	88.7	48.5	50.9	38.2	40.6	45.2	49.8	62.6	80.9	1958
1959	76.8	71.8	80.8	193	172	89.8	22.9	12.4	38.6	61.2	93.7	105	79.5	1959
1960	103	114	118	335	255	74.6	41.4	18.7	25.2	41.3	56.1	50.5	102	1960
1961	38.8	35.2	35.5	78.0	113	61.4	50.7	55.2	40.8	36.9	48.5	51.0	53.6	1961
1962	55.8	60.2	52.0	120	94.1	35.5	23.8	29.5	24.6	24.3	51.8	67.9	53.2	1962
1963	68.3	78.5	86.5	148	110	71.8	38.2	19.8	30.9	36.7	38.1	88.7	64.4	1963
1964	90.7	95.2	83.2	116	86.8	31.4	9.70	12.4	22.8	13.3	14.3	30.0	51.3	1964
1965	80.8	48.3	88.7	124	191	51.0	27.3	24.1	25.3	63.7	124	149	79.2	1965
1966	148	107	152	158	174	132	37.5	29.7	27.5	29.5	32.9	166	99.4	1966
1967	127	88.3	38.1	174	103	165	185	44.8	71.9	164	221	148	127	1967
1968	157	126	129	133	53.0	52.7	57.5	29.8	35.8	36.5	41.5	72.4	76.8	1968
1969	76.7	85.5	92.0	218	306	130	85.8	37.8	27.7	38.1	45.5	70.8	101	1969
1970	73.2	80.8	78.4	121	188	82.5	72.3	55.0	30.0	34.4	53.7	77.3	77.1	1970
1971	87.1	88.5	100	218	193	71.8	30.0	28.8	62.2	48.0	39.8	51.9	84.3	1971
1972	85.3	72.2	107	188	317	151	118	88.0	88.8	89.4	150	141	123	1972
1973	124	117	284	330	181	110	47.0	82.0	22.5	45.4	83.8	76.1	120	1973
1974	98.1	128	188	287	328	104	34.8	38.1	40.0	40.9	55.5	116	120	1974
1975	118	92.5	122	208	128	57.1	28.0	17.8	28.6	34.2	45.8	88.9	80.1	1975
1976	97.5	80.2	185	384	163	88.4	80.5	28.9	34.5	40.8	47.8	71.5	103	1976
1977	78.4	78.4	151	108	48.0	28.2	18.5	15.5	16.4	50.1	78.8	145	67.8	1977
1978	120	118	106	235	242	83.4	25.4	17.8	26.7	49.4	81.1	87.8	94.2	1978
1979	75.9	85.9	167	292	183	85.8	21.1	18.8	14.4	57.8	81.4	145	103	1979
1980	124	104	132	205	125	92.5	72.9	71.8	23.3	80.8	102	105	102	1980
1981	82.2	176	294	113	127	70.4	33.3	34.2	138	91.4	109	104	115	1981
1982	102	91.1	92.8	229	115	102	37.4	13.6	18.6	24.4	75.4	175	89.5	1982
1983	158	150	114	185	348	95.8	20.2	15.5	13.4	21.6	81.1	88.5	104	1983
1984	108	142	178	329	187	88.5	38.2	26.3	17.6	16.5	54.1	89.9	102	1984
MEAN	94.3	95.7	117	208	184	78.1	45.7	30.8	36.9	48.1	69.6	91.0	90.0	MEAN

LOCATION - LAT 45 24 25 N
LONG 78 30 28 W

DRAINAGE AREA, 8 180 km²
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

MADAWASKA RIVER AT STEWARTVILLE - STATION NO. 02KE005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1949	---	282 ON APR 8	1.13 ON JUL 10	---	1949
1950	---	297 ON APR 22	3.14 ON SEP 17	2 590 000	1950
1951	---	544 ON APR 20	0.566 ON OCT 8	3 700 000	1951
1952	---	382 ON APR 13	0.283 ON JUL 27	2 850 000	1952
1953	---	328 ON MAR 29	0.283 ON FEB 22	2 120 000	1953
1954	---	394 ON APR 19	0.283 ON AUG 1	3 020 000	1954
1955	---	450 ON APR 17	0 ON JUL 1 *	2 670 000	1955
1956	---	300 ON APR 30	0 ON MAR 18	2 900 000	1956
1957	---	205 ON DEC 23	0 ON APR 19	2 140 000	1957
1958	---	314 ON APR 19	0 ON JUN 8	2 550 000	1958
1959	---	311 ON APR 18	0 ON MAR 1	2 510 000	1959
1960	---	595 ON APR 20 *	0 ON JUL 1	3 240 000	1960
1961	---	173 ON MAY 10	0 ON JAN 1	1 700 000	1961
1962	---	187 ON APR 18	0 ON JAN 1	1 680 000	1962
1963	---	287 ON APR 4	0 ON JUN 23	2 030 000	1963
1964	---	184 ON APR 25	0 ON MAY 31	1 820 000	1964
1965	---	284 ON MAY 15	0 ON JAN 1	2 500 000	1965
1966	---	256 ON DEC 13	0 ON FEB 20	3 130 000	1966
1967	---	367 ON JUL 4	0 ON MAR 19	3 990 000	1967
1968	---	213 ON APR 16	0 ON JUN 8	2 430 000	1968
1969	---	527 ON MAY 21	0 ON JAN 19	3 190 000	1969
1970	---	284 ON MAY 1	0 ON JAN 1	2 430 000	1970
1971	---	453 ON MAY 2	0 ON JAN 31	2 680 000	1971
1972	---	442 ON MAY 20	0 ON JAN 1	3 900 000	1972
1973	---	453 ON APR 7	0 ON JUL 18	3 790 000	1973
1974	---	458 ON MAY 17	0 ON JUL 20	3 780 000	1974
1975	---	450 ON APR 23	0 ON MAY 31	2 630 000	1975
1976	---	482 ON APR 11	0 ON JUN 12	3 280 000	1976
1977	---	357 ON MAR 18	0 ON MAY 28	2 140 000	1977
1978	---	482 ON APR 25	0 ON JUL 29	2 870 000	1978
1979	---	448 ON APR 4	0 ON SEP 18	3 250 000	1979
1980	---	275 ON APR 28	0 ON MAY 25	3 210 000	1980
1981	---	488 ON FEB 25	0 ON AUG 30	3 820 000	1981
1982	---	398 ON APR 26	0 ON AUG 16	2 820 000	1982
1983	---	530 ON MAY 10	0 ON MAR 18	3 280 000	1983
1984	---	444 ON APR 21	0 ON JUN 18	3 240 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 840 000	MEAN

MADAWASKA RIVER AT WHITNEY - STATION NO. 02KD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1942	---	---	---	41.4	34.4	19.4	8.79	2.67	2.32	6.44	8.88	11.3	---	1942
1943	8.57	6.59	9.07	21.3	90.2	17.8	8.76	3.89	5.02	4.89	11.1	12.8	18.6	1943
1944	6.01	3.87	3.14	9.85	26.1	8.83	5.74	4.51	1.95	12.4	9.02	8.58	8.28	1944
1945	5.55	4.41	18.0	33.9	23.2	20.5	8.84	3.51	3.50	10.8	17.1	10.4	13.3	1945
1946	8.87	7.55	19.1	21.4	14.5	10.5	2.91	2.07	1.59	4.72	10.9	13.1	9.78	1946
1947	10.3	8.38	6.80	51.1	70.8	27.8	11.2	5.58	3.55	3.81	10.1	11.8	18.4	1947
1948	5.86	4.06	12.9	47.9	24.2	12.5	5.24	2.55	3.32	8.82	13.4	17.3	13.2	1948
1949	9.86	10.0	9.94	52.9	24.1	7.72	5.08	2.40	1.34	3.95	1.30	7.83	11.3	1949
1950	24.0	15.6	9.71	37.3	23.3	10.4	5.08	5.54	3.57	4.87	12.0	12.5	13.8	1950
1951	9.78	7.82	8.61	86.8	35.2	4.46	7.53	3.49	5.91	8.21	22.5	20.6	18.4	1951
1952	11.1	8.21	8.56	56.9	21.7	11.4	5.36	3.82	7.64	8.45	3.80	7.27	12.4	1952
1953	7.37	7.26	23.1	29.4	17.1	8.04	3.93	3.42	8.30	5.79	2.31	4.60	10.1	1953
1954	5.91	7.56	16.7	43.8	18.5	18.9	5.10	3.72	10.0	23.7	14.1	15.2	15.3	1954
1955	11.0	8.50	8.33	54.9	13.0	8.68	2.74	1.43	1.19	2.73	13.7	8.69	10.9	1955
1956	5.67	4.34	8.34	22.8	37.5	22.0	11.5	8.98	12.7	13.4	8.88	14.1	14.0	1956
1957	9.56	8.62	8.86	---	---	---	---	---	---	---	---	---	---	1957
MEAN	9.29	7.37	11.3	40.8	31.8	13.8	6.31	3.67	4.86	8.06	10.6	11.8	13.3	MEAN

LOCATION - LAT 45 29 48 N LONG 78 14 00 W
DRAINAGE AREA, 1 010 km²
REGULATED

MADAWASKA RIVER AT WHITNEY - STATION NO. 02KD006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1942	---	80.3 ON APR 19	---	---	1942
1943	---	146 ON MAY 8	3.17 ON AUG 20	522 000	1943
1944	---	34.8 ON MAY 9	1.47 ON SEP 17	262 000	1944
1945	---	80.9 ON MAR 31	2.35 ON JUL 28	420 000	1945
1946	---	33.4 ON MAR 29	1.38 ON OCT 3	308 000	1946
1947	---	174 ON MAY 2 *	1.67 ON OCT 27	582 000	1947
1948	---	82.9 ON APR 12	1.73 ON AUG 6	418 000	1948
1949	---	89.1 ON APR 17	0.851 ON NOV 3	367 000	1949
1950	---	53.5 ON APR 25	3.03 ON AUG 28	430 000	1950
1951	---	140 ON APR 16	0.028 ON JUN 28 *	579 000	1951
1952	---	143 ON APR 23	1.22 ON MAY 7	384 000	1952
1953	---	78.7 ON MAR 31	2.21 ON NOV 9	318 000	1953
1954	---	91.7 ON APR 20	2.72 ON JUL 20	481 000	1954
1955	---	114 ON APR 20	0.851 ON OCT 18	342 000	1955
1956	---	53.2 ON MAY 17	2.32 ON AUG 7	443 000	1956
1957	---	12.4 ON FEB 27	7.45 ON FEB 18	---	1957
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		418 000	MEAN

MADAWASKA RIVER NEAR ARNPRIOR - STATION NO. 02KE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1922	---	---	---	334	347	114	39.4	27.0	34.6	38.9	34.2	35.9	---	1922
1924	---	---	---	---	322	161	60.9	40.8	24.3	34.0	24.7	25.1	---	1924
1925	16.5	30.4	84.4	261	155	126	61.4	45.5	35.7	36.1	74.5	82.4	85.9	1925
1926	55.2	36.2	34.0	98.4	316	168	117	57.9	45.3	45.1	102	110	100	1926
1927	84.6	47.3	117	168	161	155	118	100	52.0	48.3	81.5	151	107	1927
1928	95.2	80.0	70.9	439	285	119	86.4	78.6	60.8	123	184	159	148	1928
1929	109	72.6	151	488	377	130	59.6	36.9	21.9	20.5	22.6	20.7	126	1929
1930	23.2	32.0	67.7	178	205	119	58.6	28.9	29.6	27.4	25.2	20.2	68.1	1930
1931	14.9	15.0	13.6	86.4	86.6	61.9	32.6	19.6	17.4	19.2	22.5	47.0	37.3	1931
1932	112	122	94.3	263	212	86.4	46.0	35.1	28.4	64.7	114	113	108	1932
1933	86.3	67.4	52.7	310	260	88.9	43.4	22.5	20.0	22.9	23.3	21.8	85.6	1933
1934	22.9	23.8	32.6	262	243	71.3	41.8	22.7	25.0	27.3	30.8	73.6	73.2	1934
1935	56.4	48.7	84.6	201	152	113	102	63.1	33.5	23.9	36.3	50.4	81.3	1935
1936	38.2	36.2	104	358	344	161	89.4	23.7	20.7	25.4	44.6	38.0	103	1936
1937	102	93.2	85.2	211	269	117	45.9	23.0	24.6	78.6	68.6	76.2	86.0	1937
1938	55.6	63.4	144	367	224	129	46.2	34.2	34.1	46.4	37.8	36.1	102	1938
1939	37.4	38.4	40.2	138	321	81.0	31.4	25.0	21.7	36.2	31.2	23.8	70.0	1939
1940	21.6	22.7	26.2	139	235	208	85.0	24.0	26.8	31.1	42.2	53.6	73.7	1940
1941	68.5	66.6	46.0	211	152	49.2	43.6	22.3	17.0	25.3	57.6	69.3	67.8	1941
1942	63.4	62.4	86.0	233	173	140	26.2	8.63	17.3	22.6	61.3	61.3	78.5	1942
1943	78.4	61.3	93.2	203	517	146	81.6	33.2	30.7	27.6	78.6	65.6	118	1943
1944	73.1	36.6	57.6	78.1	112	60.8	22.9	12.0	36.7	46.4	41.1	49.6	51.6	1944
1945	56.1	58.0	131	204	180	188	84.6	26.4	42.9	53.8	71.8	61.2	91.2	1945
1946	78.2	62.7	136	149	68.6	88.0	30.9	27.0	31.1	52.4	72.6	65.6	74.7	1946
1947	78.7	112	101	312	345	204	92.0	43.1	42.3	47.7	66.6	69.7	124	1947
1948	60.6	68.1	108	208	134	120	41.3	22.9	30.0	32.0	38.8	48.2	78.6	1948
1949	62.3	120	112	246	181	83.7	19.1	26.7	43.6	46.6	40.6	66.2	82.7	1949
1950	81.6	126	123	218	141	72.4	---	---	---	---	---	---	---	1950
MEAN	63.6	62.6	86.2	238	229	116	66.1	34.9	31.6	38.8	66.6	83.4	89.3	MEAN

LOCATION - LAT 45 26 33 N LONG 76 26 40 W
DRAINAGE AREA, 8 280 km²
REGULATED

MADAWASKA RIVER NEAR ARNPRIOR - STATION NO. 02KE002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1922	---	515 ON APR 21	---	---	1922
1924	---	360 ON APR 25	---	---	1924
1925	---	328 ON APR 5	14.6 B ON JAN 16	2 710 000	1925
1926	---	388 ON MAY 6	27.8 ON APR 9	3 170 000	1926
1927	---	234 ON MAR 21	37.9 ON OCT 5	3 380 000	1927
1928	---	609 ON APR 14	49.6 ON SEP 9	4 690 000	1928
1929	---	575 ON APR 15	16.4 ON OCT 21	3 980 000	1929
1930	---	273 ON APR 26	18.4 ON OCT 27	2 150 000	1930
1931	---	136 ON APR 13	13.5 B ON MAR 1	1 180 000	1931
1932	382 AT 15:00 EST ON APR 24	357 ON APR 24	20.0 ON SEP 18	3 370 000	1932
1933	447 AT 01:00 EST ON APR 21	447 ON APR 21	16.4 ON OCT 9	2 700 000	1933
1934	418 AT 23:30 EST ON APR 21	411 ON APR 21	17.3 ON SEP 2	2 310 000	1934
1935	244 AT 20:00 EST ON APR 17	236 ON APR 18	15.3 ON OCT 20	2 580 000	1935
1936	430 AT 16:00 EST ON MAY 11	428 ON MAY 9	10.4 ON OCT 12	3 270 000	1936
1937	362 AT 19:20 EST ON MAY 6	360 ON MAY 9	11.6 ON AUG 8	3 090 000	1937
1938	418 AT 22:00 EST ON APR 3	418 ON APR 3	17.6 ON NOV 26	3 210 000	1938
1939	430 AT 13:00 EST ON MAY 2	426 ON MAY 2	11.9 ON SEP 18	2 210 000	1939
1940	385 AT 23:00 EST ON MAY 31	380 ON JUN 1	12.5 ON SEP 2	2 330 000	1940
1941	343 AT 20:00 EST ON APR 23	337 ON APR 23	11.3 ON AUG 4	2 140 000	1941
1942	308 AT 18:00 EST ON APR 7	303 ON APR 8	2.86 ON SEP 8	2 510 000	1942
1943	828 AT 09:00 EST ON MAY 14 *	623 ON MAY 14 *	9.85 ON OCT 11	3 780 000	1943
1944	207 AT 01:00 EST ON MAY 16	193 ON MAY 16	6.91 ON JUL 30	1 630 000	1944
1945	308 AT 04:00 EST ON MAR 29	287 ON APR 3	10.5 ON SEP 23	2 880 000	1945
1946	238 AT 07:00 EST ON APR 1	234 ON APR 1	12.5 ON JUL 28	2 360 000	1946
1947	478 AT 22:00 EST ON MAY 6	476 ON MAY 6	8.04 ON SEP 14	3 920 000	1947
1948	269 AT 14:00 EST ON MAY 24	268 ON MAY 24	0.453 ON SEP 13 *	2 390 000	1948
1949	---	246E ON APR 1	1.25 ON JUL 10	2 810 000	1949
1950	---	309 ON APR 22	---	---	1950
				2 820 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAGNETAWAN RIVER AT MAPLE ISLAND - STATION NO. 02EA008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	5.97	24.2	32.8	18.1	---	1945
1946	32.3	19.2	73.7	51.5	30.1	15.9	3.87	3.86	3.58	9.02	13.2	29.3	23.6	1946
1947	22.8	18.0	13.7	122	95.0	44.3	23.6	14.0	13.8	19.4	15.6	22.0	35.4	1947
1948	15.2	12.8	44.1	86.4	46.2	18.3	9.02	6.67	5.20	13.7	43.9	24.6	28.3	1948
1949	26.7	26.9	32.5	113	42.4	18.6	11.4	7.62	6.95	12.6	5.27	36.3	28.2	1949
1950	53.8	26.2	28.7	89.1	25.7	17.2	8.15	7.24	11.4	11.2	17.9	31.6	25.8	1950
1951	23.3	23.3	27.3	152	47.7	14.3	12.4	9.98	7.07	26.5	56.4	44.5	36.8	1951
1952	23.7	26.4	27.8	97.4	37.6	16.4	10.8	11.2	16.0	10.9	16.4	40.7	27.8	1952
1953	23.1	16.9	56.0	70.6	30.9	16.5	6.82	4.79	9.11	11.1	14.8	27.2	24.1	1953
1954	16.7	23.6	46.0	94.2	49.3	47.2	16.3	8.88	17.1	63.3	34.3	33.1	37.5	1954
1955	15.0	19.0	34.3	97.9	28.7	11.2	4.07	3.07	3.10	13.0	37.0	19.3	23.7	1955
1956	9.17	7.88	12.3	62.6	60.4	26.1	14.5	9.45	28.0	19.9	16.3	27.2	24.5	1956
1957	18.3	21.1	31.2	---	---	---	---	---	---	---	---	---	---	1957
MEAN	23.4	20.5	36.5	93.6	45.1	22.3	11.0	7.51	10.8	19.6	25.7	29.5	28.7	MEAN

LOCATION - LAT 45 42 26 N
LONG 79 52 36 W
DRAINAGE AREA, 1 850 km^2
REGULATED

MAGNETAWAN RIVER AT MAPLE ISLAND - STATION NO. 02EA008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	127 ON MAR 23	2.41 ON JUL 4	780 000	1946
1947	---	188 ON APR 15 *	4.58 ON NOV 8	1 120 000	1947
1948	---	124 ON APR 8	4.64 ON SEP 22	884 000	1948
1949	---	136 ON APR 8	1.73 ON NOV 8 *	891 000	1949
1950	---	88.8 ON MAR 30	4.36 ON NOV 5	813 000	1950
1951	---	162 ON APR 11	4.19 ON AUG 19	1 180 000	1951
1952	---	138 ON APR 20	5.58 ON JUN 22	880 000	1952
1953	---	120 ON MAR 28	4.02 ON SEP 8	761 000	1953
1954	---	136 ON APR 17	7.70 ON AUG 20	1 180 000	1954
1955	---	148 ON APR 18	1.73 ON OCT 7	747 000	1955
1956	---	69.8 ON APR 18	3.37 ON AUG 18	778 000	1956
1957	---	39.6 ON MAR 31	14.9 ON FEB 22	---	1957
				807 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAGNETAWAN RIVER NEAR BRITT - STATION NO. 02EA011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	---	9.09	26.4	39.6	62.2	---	1973
1974	39.0	42.6	---	150	108	60.4	17.6	---	---	---	73.6	44.6	---	1974
1975	38.3	30.7	41.4	97.1	123	18.7	8.87	3.79	15.6	28.2	43.7	67.6	44.8	1975
1976	36.7	28.1	92.2	195	58.2	21.8	19.2	6.46	5.32	9.76	14.0	30.4	43.0	1976
1977	17.6	15.6	95.6	153	32.5	8.05	10.1	5.02	18.4	82.1	85.3	83.3	48.8	1977
1978	34.3	23.4	23.1	89.3	103	25.4	9.32	8.05	21.5	44.6	38.6	42.2	38.7	1978
1979	30.5R	26.3R	96.7R	187 R	79.8R	27.3 R	9.62R	17.3 R	12.7 R	27.4 R	67.1R	70.3R	52.9R	1979
1980	48.2	22.5	35.8	165	48.1	37.9	34.4	25.4	27.5	48.6	64.4	46.5	50.2	1980
1981	24.7	48.4	85.5	125	54.8	38.4	23.0	15.8	68.3	89.8	42.4	41.8	53.1	1981
1982	28.7	20.4	34.4	147	88.7	17.8	12.2	4.70	17.7	44.4	80.7	88.8	45.3	1982
1983	78.8	34.5	80.2	75.8	110	52.8	10.2	4.17	5.95	27.8	37.7	55.7	46.3	1983
1984	26.2	59.5	58.7	127	87.1	82.3	35.1	15.5	13.5	17.6	79.7	64.2	50.2	1984
MEAN	36.8R	32.0R	62.8R	136 R	78.2R	31.9 R	17.1 R	10.6 R	19.8 R	38.6 R	63.9R	57.3R	47.3	MEAN

LOCATION - LAT 45 46 20 N LONG 80 28 46 W DRAINAGE AREA, 2 850 km² REGULATED R - REVISED SINCE JAN 1980

REMARKS - DURING HIGH WATER FLOW MAY SPILL INTO THE HARRIS RIVER BASIN

MAGNETAWAN RIVER NEAR BRITT - STATION NO. 02EA011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	249 AT 19:39 EST ON APR 19	249 ON APR 19	---	---	1974
1975	255 AT 17:00 EST ON MAY 2	251 ON APR 30	3.08 ON AUG 22 *	1 410 000	1975
1976	331 AT 10:56 EST ON APR 4 *	328 ON APR 4 *	4.93 ON SEP 7	1 380 000	1976
1977	227 AT 18:29 EST ON APR 4	226 ON APR 5	4.25 ON AUG 18	1 540 000	1977
1978	182 AT 13:20 EST ON APR 30	182 ON APR 29	6.12 ON AUG 15	1 220 000	1978
1979	---	266RE ON APR 8	6.08R ON JUL 25	1 670 000R	1979
1980	240 AT 21:02 EST ON APR 15	239 ON APR 16	16.4 ON MAR 9	1 580 000	1980
1981	195 AT 15:18 EST ON APR 11	194 ON APR 11	9.40E ON JUL 25	1 840 000	1981
1982	240 AT 18:10 EST ON APR 22	238 ON APR 22	3.89 ON AUG 31	1 430 000	1982
1983	172 AT 17:01 EST ON MAY 12	171 ON MAY 12	3.65 ON AUG 16	1 480 000	1983
1984	160 AT 13:51 EST ON APR 20	159 ON APR 20	8.13 ON SEP 7	1 590 000	1984
				1 500 000R	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980

MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	5.84	5.21	8.84	8.80	9.88	---	1915
1916	10.8	15.7	9.58	39.1	33.3	21.3	10.3	4.21	4.85	8.84	18.9	20.6	16.4	1916
1917	10.0	7.88	7.53	32.3	25.6	14.0	16.8	9.56	5.74	3.09	5.18	5.07	11.9	1917
1918	4.87	3.31	7.12	31.1	22.2	11.9	5.41	6.27	4.84	11.9	14.2	11.5	11.2	1918
1919	10.5	8.25	10.7	29.4	22.7	13.1	4.81	4.26	3.83	5.84	14.0	16.5	11.9	1919
1920	5.89	4.80	5.87	30.8	16.7	4.47	4.55	5.72	3.50	4.84	8.30	10.4	9.12	1920
1921	10.2	8.73	29.7	36.2	16.7	7.15	5.04	2.87	3.25	2.95	7.02	14.2	12.0	1921
1922	10.0	8.11	10.0	49.3	19.2	3.85	4.75	6.50	3.46	2.11	2.41	2.86	9.86	1922
1923	4.30R	4.38R	3.83R	26.0	43.1	14.6	2.45	1.25	2.37	1.85	4.91	7.33	9.71R	1923
1924	7.48	5.71	8.02	23.5	28.5	12.5	5.22	3.24	2.60	2.41	2.53	4.84	8.70	1924
1925	3.76	4.36	10.4	32.7	16.3	13.5	8.18	2.63	2.94	2.47	5.37	9.67R	9.19R	1925
1926	5.55R	3.78R	5.57R	8.58	43.0	17.7	8.94	5.10	3.43	4.05	21.6	17.8 R	12.2 R	1926
1927	6.63R	5.53R	12.9 R	20.8	17.0	12.7	9.74	6.33	3.81	4.58	9.55	15.4 R	10.4 R	1927
1928	10.6 R	6.78R	6.83R	60.4	33.7	13.4	15.8	20.5	15.1	30.9	22.8	15.4 R	21.2 R	1928
1929	13.0 R	9.63R	14.8	57.5	36.7	11.5	5.68	3.45	3.27	3.07	3.04	3.86R	13.8 R	1929
1930	6.37R	6.46R	12.5	21.8	23.6	9.10	7.88	4.15	2.88	3.15	2.80	2.78	8.63R	1930
1931	2.29	3.02	3.84	16.1	17.4	6.02	4.21	3.19	3.13	3.31	6.50	11.9 R	6.95R	1931
1932	17.1 R	14.0 R	11.2 R	27.6	18.0	8.41	8.20	4.63	5.46	14.9	23.7	15.3 R	13.8 R	1932
1933	16.0 R	9.00	8.95	38.9	21.8	7.18	5.18	2.95	1.74	2.02	3.44	6.47R	10.1 R	1933
1934	5.86	5.49	8.80	28.1	30.0	8.20	4.84	3.80	2.37	2.08	3.48	10.1	9.09	1934
1935	6.85	5.81	9.21	23.6	14.8	9.83	11.6	8.24	4.18	2.45	7.21	8.12R	9.32R	1935
1936	3.86	3.82	6.99	22.5	33.8	11.1	4.54	2.08	2.73	7.84	13.8 R	8.80R	10.1 R	1936
1937	27.3 R	13.0 R	12.8 R	27.2	25.0	9.12	3.38	3.11	3.84	4.38	12.2	9.25R	12.5 R	1937
1938	8.10R	8.85R	14.4 R	43.2	18.1	10.3	4.11	3.06	2.85	4.23	6.48	8.78R	10.4 R	1938
1939	5.88R	4.80R	5.04R	23.9	36.8	8.50	4.95	3.36	3.31	2.80	5.92	4.78R	9.36R	1939
1940	3.70R	2.94R	2.27R	11.6	28.7	13.7	6.18	4.42	7.86	10.4	13.4	12.2 R	8.45R	1940
1941	9.38R	5.87R	5.00R	34.2	17.5	6.81	2.68	2.12	1.52	1.75	17.6	11.2 R	9.40R	1941
1942	8.08R	4.76R	11.4 R	38.9	21.6	10.3	2.55	2.74	2.50	3.77	15.2	8.58R	10.9 R	1942
1943	5.51R	5.28R	8.61R	26.2	48.2	14.9	5.86	4.38	5.23	3.81	8.86	5.99R	11.7 R	1943
1944	5.24	5.87	5.85	15.9	26.0	5.59	4.71	4.35	2.83	11.1	9.09	5.77R	8.51R	1944
1945	4.63R	4.63R	20.8	28.4	17.0	15.0	4.73	3.78	3.81	8.03	13.0	8.07R	11.1 R	1945
1946	13.8 R	9.13R	24.2	24.1	13.1	7.85	3.15	3.12	3.00	3.17	4.15	11.4 R	10.0 R	1946
1947	7.71R	6.57R	8.54	47.1	41.1	19.6	11.3	7.87	4.51	5.84	6.89	9.00	14.5 R	1947
1948	5.82R	4.67R	9.11R	39.1	18.2	9.46	3.57	3.29	3.30	2.03	13.3	13.5	10.5 R	1948
1949	10.8	11.0	11.6	43.6	21.0	8.07	6.09	3.88	3.05	2.70	2.50	9.71	11.3	1949
1950	22.4	12.3	10.8	25.4	15.8	7.44	3.19	3.41	5.41	2.88	8.33	12.5	10.9	1950
1951	8.28R	6.52R	10.8	56.7	23.4	5.92	4.41	3.41	3.35	6.33	20.1	16.5 R	14.0 R	1951
1952	10.6 R	9.08R	7.85	34.0	20.3	8.78	5.52	4.88	6.73	4.87	4.83	13.1	10.8 R	1952
1953	8.58	7.85	16.3	27.1	13.5	7.51	2.92	2.44	2.20	3.45	3.98	8.37R	8.88R	1953
1954	8.15R	6.80R	15.6	31.2	21.4	15.6	4.52	2.79	3.00	19.8	13.9	10.1	12.5 R	1954
1955	8.84	8.11	8.02	34.8	14.8	8.10	2.10	1.83	1.71	2.00	10.3	8.75	8.44	1955
1956	4.14	3.48	3.70	17.6	21.9	12.8	5.82	4.28	10.1	10.7	8.42	10.6	9.49	1956
1957	7.77	7.80	8.16	19.5	18.2	8.05	18.8	3.88	7.67	10.8	22.1	21.0	13.0	1957
1958	14.0	8.34	7.85	18.4	11.2	8.06	10.2	4.12	3.41	5.41	7.90	8.29	8.27	1958
1959	4.89	4.51	4.84	28.6	29.6	7.83	2.84	4.06	7.01	8.88	18.0	16.3	11.5	1959
1960	8.40	7.27	8.37	42.1	30.8	10.8	8.01	6.09	3.18	2.91	7.35	7.78R	11.7 R	1960
1961	8.41R	3.98R	4.80	17.6	17.6	7.41	5.07	4.82	3.18	2.88	3.77	8.22	7.11R	1961
1962	5.95	5.19	4.36	21.1	19.0	4.36	2.33	2.00	1.27	0.771	1.92	2.84	5.90	1962
1963	2.66	2.31	3.65	28.6	18.7	6.46	2.47	2.80	4.89	3.01	4.59	8.95R	7.05R	1963
1964	4.33R	4.80R	8.68	19.3	12.3	3.81	2.54	2.18	2.45	5.75	4.15	7.81	8.33R	1964
1965	6.62R	6.37R	5.57R	16.0	35.5	8.60	3.10	5.70	4.93	18.4	12.6	15.7	11.4 R	1965
1966	13.3	7.31	8.95	17.2	14.2	7.34	2.54	3.40	2.66	4.35	12.8	23.6	9.75	1966
1967	7.67	8.48	8.01	32.2	16.8	11.6	8.23	3.49	3.81	12.6	24.4	13.5	12.2	1967
1968	9.24	8.88	8.91	26.5	7.45	8.29	5.75	4.38	8.56	4.14	6.34	5.75	8.08	1968
1969	4.73	4.82	5.34	28.8	28.3	10.7	4.58	5.30	5.15	10.2	18.9	10.3	11.2	1969
1970	5.59	5.00	5.73	19.8	25.8	8.03	15.7	8.21	5.10	8.47	9.55	12.3	10.8	1970
1971	4.24	4.41	5.83	27.3	24.8	8.74	2.84	2.74	3.34	3.11	4.43	10.2	8.26	1971
1972	4.52	3.48	6.91	24.0	37.4	13.8	12.1	10.6	8.88	8.58	14.8	8.41	12.6	1972
1973	3.84	5.48	34.2	32.9	16.8	10.5	6.41	8.82	3.18	6.56	8.87	12.8	12.6	1973
1974	8.88	8.78	12.7	32.9	27.2	9.88	3.13	4.83	5.48	14.9	18.0	12.5	13.3	1974
1975	6.84	6.48	8.53	21.2	28.8	8.10	1.82	2.27	4.10	5.70	7.51	15.8	9.88	1975
1976	7.42	6.82	17.2	47.4	12.9	5.03	6.87	1.84	2.82	2.63	4.88	7.08	10.1	1976
1977	4.18	3.27	16.0	31.3	8.75	2.33	3.86	2.70	8.02	16.8	17.4	15.0	10.5	1977
1978	6.88	4.76	4.97	16.2	27.8	4.87	3.27	5.44	6.87	11.1	9.24	9.82	9.44	1978
1979	7.47	6.42	16.8	37.5	20.7	7.68	3.06	4.41	3.76	6.83	14.1	15.0	12.1	1979
1980	11.2	5.72	6.75	40.7	12.7	12.4	6.25	6.27	7.84	12.8	18.2	9.87	12.7	1980
1981	6.02	10.0	16.3	32.2	12.7	6.24	4.34	6.19	33.6	19.6	9.59	6.87	14.1	1981
1982	7.25	5.76	7.45	29.3	18.0	6.88	3.24	1.96	8.04	9.20	14.1	21.6	10.8	1982
1983	19.5	8.80	13.5	16.4	25.3	10.8	2.13	2.51	3.08	6.41	8.82	12.1	11.0	1983
1984	6.89	12.4	13.6	28.8	18.9	13.9	7.82	3.72	3.70	4.89	15.1	11.6	11.6	1984
MEAN	8.17R	6.65R	8.83R	29.7	22.7	9.84	5.78	4.45	4.70	6.82	10.3 R	10.7 R	10.8	MEAN

LOCATION - LAT 45 37 03 N LONG 79 23 17 W DRAINAGE AREA, 850 km² REGULATED

R - REVISED SINCE JAN 1980

MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	47.3 ON APR 19	2.72 ON AUG 28	519 000	1916
1917	---	53.5 ON APR 27	1.18 ON OCT 7	378 000	1917
1918	---	36.2 ON APR 6	2.10 ON JAN 27	353 000	1918
1919	---	38.4 ON APR 23	1.30 ON SEP 30	375 000	1919
1920	---	39.6 ON APR 1	1.39 ON SEP 26	286 000	1920
1921	---	70.5 ON MAR 29	1.76 ON OCT 9	377 000	1921
1922	---	63.0 ON APR 18	0.566 ON OCT 18	314 000	1922
1923	---	74.2 ON APR 28	1.18 ON JUL 20	308 000R	1923
1924	---	31.4 ON APR 28	1.44 ON SEP 8	275 000	1924
1925	---	38.6 ON APR 16	1.30 ON SEP 27	280 000R	1925
1926	---	63.7 ON MAY 10	2.10 ON OCT 3	385 000R	1926
1927	---	23.1 ON MAR 30	2.52 ON OCT 18	329 000R	1927
1928	---	107 ON APR 11 *	5.13 RB ON MAR 9	671 000R	1928
1929	---	66.1 ON APR 13	1.27 ON OCT 27	435 000R	1929
1930	---	37.8 ON APR 23	1.95 ON NOV 2	272 000R	1930
1931	---	27.6 ON APR 27	2.28 B ON JAN 1	219 000R	1931
1932	---	38.2 ON APR 15	2.82 ON SEP 7	436 000R	1932
1933	---	63.1 ON APR 20	1.22 ON OCT 15	319 000R	1933
1934	---	47.8 ON MAY 5	1.30 ON SEP 3	287 000	1934
1935	---	26.8 ON APR 18	1.87 ON OCT 17	294 000R	1935
1936	---	58.4 ON MAY 7	1.83 ON AUG 14	321 000R	1936
1937	---	40.8 ON APR 29	2.32 ON JUL 18	394 000R	1937
1938	---	84.8 ON APR 3	2.10 ON SEP 18	328 000R	1938
1939	---	72.8 ON APR 30	2.01 ON OCT 10	295 000R	1939
1940	---	34.3 ON MAY 5	2.15 RB ON MAR 14	289 000R	1940
1941	---	68.2 ON APR 22	0.983 ON OCT 10	296 000R	1941
1942	---	52.1 ON APR 6	1.50 ON SEP 30	345 000R	1942
1943	---	72.8 ON MAY 2	1.90 ON OCT 26	388 000R	1943
1944	---	38.8 ON APR 25	1.78 ON SEP 10	269 000R	1944
1945	---	50.1 ON MAR 30	2.32 ON SEP 2	349 000R	1945
1946	---	42.5 ON MAR 27	0.983 ON OCT 25	316 000R	1946
1947	---	79.0 ON APR 17	2.66 ON SEP 10	457 000R	1947
1948	---	51.8 ON APR 12	1.70 ON OCT 9	332 000R	1948
1949	---	48.7 ON APR 10	2.01 ON OCT 10	356 000	1949
1950	---	28.3 ON APR 6	1.87 ON OCT 27	343 000	1950
1951	---	82.4 ON APR 15	2.48 ON SEP 18	443 000R	1951
1952	---	57.2 ON APR 22	2.49 ON NOV 3	343 000R	1952
1953	---	45.9 ON MAR 31	1.78 ON SEP 7	278 000R	1953
1954	---	50.7 ON APR 21	1.83 ON SEP 9	395 000R	1954
1955	---	57.8 ON APR 21	0.991 ON OCT 8	286 000	1955
1956	---	28.0 ON APR 21	3.17 B ON FEB 16	300 000	1956
1957	---	34.5 ON JUL 7	1.87 ON SEP 9	411 000	1957
1958	---	31.7 ON APR 27	2.48 ON SEP 4	384 000	1958
1959	---	66.5 ON APR 21	2.32 ON AUG 8	361 000	1959
1960	---	66.5 ON APR 20	2.56 ON OCT 10	371 000R	1960
1961	---	32.3 ON APR 26	2.66 ON OCT 21	224 000R	1961
1962	---	32.3 ON MAY 4	0.025 ON OCT 21 *	186 000	1962
1963	---	38.5 ON APR 6	0.212 ON JUN 20	222 000R	1963
1964	---	34.5 ON APR 22	1.81 ON SEP 8	200 000R	1964
1965	---	48.4 ON MAY 3	1.23 ON JUL 4	359 000R	1965
1966	---	29.7 ON DEC 15	0.527 ON AUG 2	307 000	1966
1967	---	41.5 ON APR 19	1.02 ON AUG 25	385 000	1967
1968	---	35.1 ON APR 10	1.84 ON OCT 2	256 000	1968
1969	---	38.8 ON APR 21	0.527 ON JUL 22	352 000	1969
1970	---	47.3 ON APR 29	2.82 ON JUN 15	339 000	1970
1971	---	52.4 ON APR 26	1.08 ON JUL 7	281 000	1971
1972	60.0 AT 02:31 EST ON MAY 5	60.0 ON MAY 5	3.40 B ON FEB 8	384 000	1972
1973	47.3 AT 22:41 EST ON APR 5	47.0 ON APR 5	0.385 ON SEP 22	397 000	1973
1974	54.1 AT 01:39 EST ON APR 25	53.8 ON APR 24	1.48 ON JUL 19	421 000	1974
1975	57.8 AT 20:02 EST ON MAY 2	57.8 ON MAY 2	0.282 ON JUL 18	311 000	1975
1976	60.7 AT 09:10 EST ON APR 4 *	60.4 ON APR 4	0.800 ON JUL 31	318 000	1976
1977	---	59.5E ON APR 2	1.07 ON JUN 14	330 000	1977
1978	42.5 AT 07:58 EST ON MAY 1	42.5 ON MAY 1	1.84 ON JUN 22	298 000	1978
1979	48.9 AT 04:09 EST ON APR 5	48.7 ON APR 5	1.27 B ON DEC 19	383 000	1979
1980	60.5 AT 08:48 EST ON APR 15	60.3 ON APR 16	3.80 ON JUL 18	400 000	1980
1981	47.2 AT 12:08 EST ON APR 11	46.9 ON APR 11	0.798 ON JUL 23	445 000	1981
1982	61.3 AT 01:51 EST ON APR 28	61.1 ON APR 27	0.426 ON AUG 23	343 000	1982
1983	37.8 AT 13:55 EST ON MAY 12	37.6 ON MAY 11	0.426 ON AUG 28	348 000	1983
1984	40.0 AT 16:55 EST ON APR 20	39.6 ON APR 20	2.44 ON SEP 1	374 000	1984
				340 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

MAGNETAWAN RIVER NEAR BYNG INLET - STATION NO. 02EA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	18.2	8.38	3.44	24.1	48.0	27.1	---	1945
1946	43.3	29.4	98.0	91.1	39.3	25.6	9.49	5.47	2.84	3.94	11.1	28.4	32.3	1946
1947	37.4	28.8	33.0	185	126	84.5	30.6	21.7	21.1	27.0	24.1	35.8	50.4	1947
1948	20.9	15.4	56.7	153	68.1	32.8	11.3	7.83	5.39	7.53	32.2	68.3	38.8	1948
1949	38.2	36.0	33.9	102	89.3	29.6	---	---	---	---	---	---	---	1949
MEAN	35.0	27.4	52.7	128	75.7	36.1	19.9	10.3	8.15	15.6	29.1	39.9	40.6	MEAN

LOCATION - LAT 45 45 20 N
LONG 80 28 50 W
DRAINAGE AREA, 2 800 km^2
REGULATED

MAGNETAWAN RIVER NEAR BYNG INLET - STATION NO. 02EA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	177 ON MAR 25	2.15 ON SEP 15 *	1 020 000	1946
1947	---	262 ON APR 18 *	7.90 ON SEP 20	1 590 000	1947
1948	---	163 ON APR 5	3.99 ON OCT 1	1 230 000	1948
1949	---	125 ON APR 18	---	---	1949
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 280 000	MEAN

MAGPIE RIVER AT STEEP HILL FALLS - STATION NO. 02BD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	6.19	7.28	7.50	6.48	7.31	---	1920
1921	7.08	7.08	6.57	31.0	28.5	21.6	9.18	8.90	6.18	6.18	5.49	7.08	12.1	1921
1922	6.85	6.08	6.10	22.7	87.7	17.1	10.6	7.18	4.63	4.28	4.82	5.40	15.4	1922
1923	4.80	3.23	3.11	8.87	29.4	8.78	6.00	3.81	7.59	20.4	20.0	11.1	10.7	1923
1924	7.73	6.10	4.45	11.1	38.0	25.3	8.70	7.28	7.52	6.71	8.82	9.10	11.7	1924
1925	5.93	5.14	5.08	38.2	50.7	40.6	23.3	15.1	5.95	8.63	9.35	9.15R	18.0R	1925
1926	5.89R	4.31R	3.44 R	4.80	48.4	38.4	58.2	21.3	16.4	22.3	33.4	31.1 R	24.3R	1926
1927	25.9 R	25.3	24.9	58.9	74.5	27.0	20.7	10.2	5.04	28.8	32.0 R	21.7 R	29.4R	1927
1928	13.4 R	7.68R	4.53 R	23.5	87.3	75.5	71.8	29.3	34.0	54.8	39.9 R	24.8 R	39.8R	1928
1929	15.9 R	11.7 R	9.82 R	32.7	48.4	39.6	25.3	14.7	14.8	20.7	33.9 R	21.6 R	24.2R	1929
1930	12.8 R	8.15R	4.16 R	10.9 R	71.1	57.3	32.2	12.8	5.62	7.44	7.38	8.38	19.9R	1930
1931	7.48	2.80	1.73	15.6	52.8	22.3	11.7	4.46	3.41	6.78	33.9	32.6 R	15.4R	1931
1932	19.8	9.54	3.88	8.78	87.7	32.8	18.3	10.0	13.8	8.21	17.1	15.1	18.2	1932
1933	9.12	3.43	1.42	19.3	86.0	35.3	18.8	9.62	4.24	5.20	8.95	4.11	18.2	1933
1934	1.73R	1.14R	0.648R	1.07R	79.2	33.2	18.5	7.34	8.78	12.9	22.9	27.8	18.0R	1934
1935	10.2	2.35	1.18 R	19.5	83.0	47.7	54.5	31.3	19.5	20.9	20.2	12.8 R	27.1R	1935
1936	4.88R	2.22R	4.80	10.4	119	53.2	22.3	9.32	6.86	5.70	---	---	---	1936
1937	---	---	---	31.8	73.4	31.6	19.6	14.8	11.8	11.6	13.6	12.5 R	---	1937
1938	8.08R	5.86R	4.34 R	42.4	76.4	58.1	44.2	25.6	16.4	8.89	18.8	14.5 R	28.8R	1938
1939	11.4 R	8.71R	8.28 R	14.0 R	111	50.0	31.1	---	---	---	---	---	---	1939
MEAN	8.83R	6.71R	5.46 R	21.8 R	69.7	37.5	25.5	13.1	10.8	14.0	18.7 R	15.4 R	20.8	MEAN

LOCATION - LAT 48 08 00 N LONG 84 44 00 W
DRAINAGE AREA, 1 540 km^2 REGULATED
R - REVISED SINCE JAN 1980

MAGPIE RIVER AT STEEP HILL FALLS - STATION NO. 02BD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	88.9 ON APR 28	5.01 ON NOV 14	383 000	1921
1922	---	142 ON MAY 6	1.44 ON APR 1	486 000	1922
1923	---	57.6 ON OCT 21	0.785 ON OCT 8	338 000	1923
1924	---	44.2 ON MAY 1	3.88 ON NOV 8	369 000	1924
1925	---	99.1 ON APR 28	2.92 ON JUL 3	570 000R	1925
1926	---	87.6 ON JUL 17	3.12 RB ON MAR 8	768 000R	1926
1927	---	138 ON APR 23	4.36 ON SEP 12	928 000R	1927
1928	---	147 ON MAY 7	4.08 RB ON MAR 10	1 280 000R	1928
1929	---	98.6 ON MAY 25	9.01 RB ON MAR 12	784 000R	1929
1930	---	112 ON MAY 8	1.19 ON APR 8	828 000R	1930
1931	---	82.7 ON MAY 12	1.36 ON APR 1	517 000R	1931
1932	---	86.5 ON MAY 14	1.83 ON APR 6	576 000	1932
1933	---	108 ON MAY 6	1.27 ON APR 1	572 000	1933
1934	---	189 ON MAY 9	0.255RB ON APR 1 *	589 000R	1934
1935	---	104 ON MAY 15	0.835RB ON MAR 15	858 000R	1935
1936	---	165 ON MAY 18	1.84 ON MAR 1	---	1936
1937	---	136 ON MAY 1	---	---	1937
1938	---	125 ON MAY 3	3.88 RB ON MAR 18	880 000R	1938
1939	---	182 ON MAY 11 *	---	---	1939
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980		852 000R	MEAN

MAGPIE RIVER NEAR MICHIPICOTEN - STATION NO. 02BD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	---	10.9	9.63	19.8	136	54.5	33.8	14.7	15.9	13.4	11.0	7.32	---	1939
1940	---	---	---	---	95.8	58.2	32.2	15.6	9.45	8.24	12.6	---	---	1940
1941	---	---	---	58.1	70.1	30.7	14.7	11.4	14.4	49.8	34.3	---	---	1941
1942	---	---	---	44.9	81.3	21.3	13.1	11.8	21.4	46.8	70.3	---	---	1942
1943	---	---	---	---	102	81.7	---	---	12.1	14.9	---	---	---	1943
1944	---	---	---	---	101	47.1	18.9	14.8	20.0	20.1	17.1	---	---	1944
1945	---	---	---	77.3	31.4	30.0	---	---	---	18.7	57.8	---	---	1945
1946	---	---	---	58.8	74.9	48.9	23.3	11.7	11.9	18.1	34.4	28.3	---	1946
1947	---	---	---	18.3	128	118	---	---	---	---	---	8.88	---	1947
1948	---	---	---	85.8	89.0	18.0	14.3	13.9	11.4	6.85	18.5	---	---	1948
1949	---	---	---	---	101	45.3	26.8	13.7	12.8	20.8	22.0	---	---	1949
1950	---	---	---	---	---	71.0	40.0	17.2	11.0	14.7	36.8	---	---	1950
1951	---	---	---	80.0	92.8	22.2	14.8	8.90	16.0	34.0	43.5	---	---	1951
1952	---	---	---	60.5	53.4	39.7	24.7	16.6	12.8	9.84	10.7	19.4	---	1952
1953	11.8	8.75	9.14	22.7	35.7	43.2	22.4	10.2	6.70	6.14	9.26	19.0	17.1	1953
1954	12.9	10.6	11.7	42.1	94.5	26.3	10.6	4.17	4.10	11.5	14.8	11.1	21.6	1954
1955	---	---	---	---	---	30.2	9.03	5.96	4.58	11.5	16.3	12.4	---	1955
1956	9.50	7.66	6.36	20.6	81.5	47.5	37.7	15.4	22.7	14.1	11.5	10.7	23.6	1956
1957	8.69	6.90	6.60	60.8	82.4	33.4	26.1	10.6	14.6	16.1	30.5	20.8	28.7	1957
1958	17.5	13.2	10.4	45.2	41.9	36.7	32.4	15.0	22.3	28.6	38.6	19.2	26.6	1958
1959	12.2	9.23	8.15	30.8	101	44.6	13.1	23.0	37.1	58.6	---	---	---	1959
1960	---	---	---	---	153	40.2	14.4	8.65	8.01	8.48	14.3	14.3	---	1960
1961	8.87	5.82	7.46	34.1	72.6	33.8	13.5	6.31	11.1	26.5	30.8	---	---	1961
1962	---	---	---	---	76.8	25.6	8.86	7.62	20.7	15.1	15.6	---	---	1962
1963	---	---	---	---	41.7	---	---	11.4	14.8	12.1	---	---	---	1963
1964	---	---	---	---	119	43.7	22.2	16.2	21.3	38.6	---	---	---	1964
1965	---	---	---	---	95.1	33.2	13.4	16.8	21.4	45.2	26.7	19.9	---	1965
1966	18.1	16.1	19.6	50.4	100 R	36.9	13.2	13.4	9.09	36.9	32.1	33.8	31.8R	1966
1967	23.3	16.4	14.2	86.7	77.8	32.5	14.0	10.3	5.84	8.77	14.4	11.2	27.1	1967
1968	9.23	6.32	6.15	64.8	38.6	48.1	97.8	36.7	37.8	53.6	36.2	22.9	36.6	1968
1969	19.6	15.3	12.3	50.7	85.2	27.3	15.8	11.2	10.2	15.9	16.4	16.7	24.7	1969
1970	13.2	9.94	8.98	30.1	93.8	47.1	18.9	11.1	13.6	17.7	35.6	31.3	27.6	1970
1971	18.1	14.6	13.5	51.0	94.2	45.2	16.1	9.32	9.85	19.0	44.3	28.3	30.7	1971
1972	19.6	14.4	11.5	25.3	83.2	36.7	17.3	22.1	21.4	25.1	20.2	15.2	28.1	1972
1973	10.8	8.96	23.6	75.3	94.4	31.7	36.2	26.3	18.1	24.9	20.0	19.6	32.9	1973
1974	13.2	9.23	8.95	41.4	110	46.6	18.7	30.6	30.6	43.2	40.2	22.7	36.0	1974
1975	17.5	12.5	8.40	28.6	111	35.7	13.6	4.82	3.66	3.68	14.8	28.9	23.6	1975
1976	12.5	8.71	10.7	131	58.5	15.9	7.05	3.31	2.38	2.65	4.18	5.47	21.6	1976
1977	5.11	4.55	17.5	80.1	46.3	13.7	10.6	5.74	31.6	38.1	39.6	19.6	26.9	1977
1978	11.7	8.61	7.50	14.2	85.1	42.2	31.0	16.9	14.1	36.0	20.0	12.6	23.4	1978
1979	9.08	7.23	10.0	70.3	192	64.5	18.2	6.80	18.1	40.9	58.4	32.0	44.4	1979
1980	20.6	14.2	11.1	48.2	71.3	25.5	10.1	6.67	10.6	38.7	30.2	17.1	25.2	1980
1981	10.4	8.60	12.5	55.6	78.1	27.5	12.9	5.06	3.67	6.23	10.0	10.6	30.3	1981
1982	12.0	8.76	8.20	36.2	67.2	20.7	34.4	14.1	16.6	61.0	66.7	34.2	33.4	1982
1983	16.1	14.7	16.3	46.5	84.8	46.7	17.4	9.24	11.2	30.3	26.8	23.1	28.3	1983
1984	13.9	13.6	11.1	47.6	68.9	37.2	34.6	13.3	8.11	15.6	32.3	34.1	26.7	1984
MEAN	13.6	10.6	11.3	50.6	85.1R	40.5	22.0	13.1	15.0	24.1	28.0	19.7	27.6	MEAN

LOCATION - LAT 47 55 20 N LONG 84 49 50 W DRAINAGE AREA, 1 930 km² NATURAL FLOW

R - REVISED SINCE JAN 1980

MAGPIE RIVER NEAR MICHIPICOTEN - STATION NO. 02BD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1939	---	229 ON MAY 10	6.948 ON DEC 9	---	1939
1940	---	130 ON MAY 23	---	---	1940
1941	---	127 ON MAY 9	---	---	1941
1942	---	91.7 ON APR 27	---	---	1942
1943	---	145 ON MAY 7	---	---	1943
1944	---	184 ON MAY 6	---	---	1944
1945	---	124 ON NOV 14	---	---	1945
1946	---	175 ON MAY 27	---	---	1946
1947	---	188 ON MAY 20	---	---	1947
1948	---	178 ON APR 30	---	---	1948
1949	---	185 ON MAY 10	---	---	1949
1950	---	170 ON MAY 18	---	---	1950
1951	---	177 E ON MAY 3	---	---	1951
1952	---	127 ON APR 24	---	---	1952
1953	---	57.8 ON JUN 12	6.00 ON SEP 28	540 000	1953
1954	---	148 ON MAY 10	3.82 ON OCT 9	676 000	1954
1955	---	---	---	---	1955
1956	142 ON MAY 17	135 ON MAY 17	5.088 ON MAR 27	753 000	1956
1957	234 R AT 00:30 EST ON APR 28	233 ON APR 28	6.008 ON MAR 9	844 000	1957
1958	101 R AT 24:00 EST ON APR 24	101 ON APR 25	9.608 ON MAR 26	846 000	1958
1959	170 ON MAY 8	---	---	---	1959
1960	212 AT 20:00 EST ON MAY 7	---	---	---	1960
1961	122 R AT 24:00 EST ON MAY 18	120 ON MAY 18	4.938 ON FEB 24	---	1961
1962	121 R AT 21:00 EST ON MAY 6	---	---	---	1962
1963	88.4 AT 11:15 EST ON APR 22	---	---	---	1963
1964	208 R AT 23:00 EST ON MAY 10	---	---	---	1964
1965	120 R AT 19:00 EST ON MAY 7	---	---	---	1965
1966	134 R AT 09:45 EST ON MAY 22	134 R ON MAY 22	5.84 ON SEP 27	1 010 000R	1966
1967	183 R AT 11:30 EST ON APR 18	150 ON APR 18	4.78 ON OCT 7	855 000	1967
1968	261 AT 20:00 EST ON JUL 20	248 ON JUL 20	5.888 ON FEB 27	1 230 000	1968
1969	118 AT 20:00 EST ON MAY 9	117 ON MAY 9	7.84 ON AUG 30	780 000	1969
1970	169 R AT 01:50 EST ON MAY 3	165 ON MAY 3	8.188 ON MAR 31	877 000	1970
1971	175 AT 22:58 EST ON MAY 26	174 ON MAY 27	7.70 ON SEP 2	987 000	1971
1972	138 AT 07:56 EST ON MAY 3	135 ON MAY 3	10.9 R ON MAR 26	824 000	1972
1973	177 AT 08:46 EST ON MAY 12	176 ON MAY 12	9.408 ON FEB 27	1 040 000	1973
1974	175 AT 22:20 EST ON MAY 6	174 ON MAY 6	8.89 ON MAR 1	1 100 000	1974
1975	238 AT 01:22 EST ON MAY 8	234 ON MAY 8	2.50 ON SEP 3	750 000	1975
1976	308 AT 07:17 EST ON APR 24	306 ON APR 24	2.18 ON SEP 19 *	690 000	1976
1977	180 AT 15:22 EST ON APR 24	178 ON APR 24	4.368 ON FEB 21	850 000	1977
1978	121 AT 05:37 EST ON MAY 17	118 ON MAY 17	7.338 ON MAR 23	736 000	1978
1979	381 AT 01:47 EST ON MAY 12 *	371 ON MAY 12 *	4.20 ON AUG 23	1 400 000	1979
1980	140 AT 02:36 EST ON MAY 3	138 ON MAY 3	5.46 ON SEP 12	788 000	1980
1981	182 AT 15:28 EST ON MAY 7	158 ON MAY 7	3.36 ON OCT 13	640 000	1981
1982	137 AT 08:32 EST ON MAY 7	136 ON MAY 7	6.008 ON MAR 10	1 050 000	1982
1983	136 AT 08:17 EST ON MAY 1	135 ON MAY 1	5.58 ON SEP 5	925 000	1983
1984	105 AT 17:10 EST ON MAY 2	104 ON MAY 2	5.04 ON SEP 22	846 000	1984
				878 000R	MEAN

R - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

MAITLAND RIVER ABOVE WINGHAM - STATION NO. 02FE005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	38.3	---	---	7.60	2.62	0.780	0.850	0.832	0.787	1.83	---	1953
1954	0.981	17.8	24.1	17.1	3.88	1.23	0.812	0.348	0.829	25.8	7.80	6.75	8.83	1954
1955	8.08	5.88	21.8	26.5	7.45	1.73	0.448	0.348	0.255	0.931	2.44	4.48	5.80	1955
1956	2.61	2.77	22.0	32.5	12.8	2.53	3.10	2.17	3.62	2.35	2.61	8.28	8.11	1956
1957	4.74	18.0	18.4	11.2	4.25	3.30	4.84	0.848	2.32	2.41	8.54	14.3	7.58	1957
1958	3.37	2.05	10.7	7.49	1.44	0.870	0.578	0.345	0.509	0.487	1.71 -	1.63	2.80	1958
1959	2.08	4.34	21.8	44.4	8.40	1.74	1.18	0.979	1.31	3.08	15.4	13.8	9.84	1959
1960	8.75	8.88	7.88	43.8	18.7	5.25	1.31	0.748	0.518	0.524	1.38	0.936	8.02	1960
1961	0.784	4.54	14.8	8.32	7.11	2.57	2.31	1.45	1.00	0.757	2.38	3.95	4.16	1961
1962	2.48	2.38	17.0	13.1	2.90	1.08	0.454	0.388	0.552	1.42	3.20	4.11	4.10	1962
1963	2.22	1.11	21.8	10.8	7.88	1.75	0.805	0.800	0.488	0.487	1.92	2.23	4.41	1963
1964	5.10	4.24	15.0	10.0	2.89	1.01	0.848	4.81	1.34	1.48	2.55	10.2	4.99	1964
1965	5.26	15.3	11.3	28.1	8.47	1.40	0.785	0.878	1.14	4.53	9.15	15.8	8.33	1965
1966	7.98	10.8	20.0	10.4	5.26	5.42	0.577	0.868	0.784	1.22	4.33	12.3	6.83	1966
1967	10.9	7.43	14.4	23.2	4.38	10.0	4.67	1.82	1.48	8.82	18.0	15.2	9.87	1967
1968	8.00	20.2	20.5	8.88	4.88	2.56	1.35	8.71	4.57	8.00	9.77	14.0	8.75	1968
1969	12.9	13.9	15.0	26.3	14.1	4.18	2.13	0.872	0.585	1.44	5.04	4.47	8.40	1969
1970	3.00	3.82	5.80	28.0	5.28	1.45	2.35	1.10	1.82	3.34	4.24	8.88	5.58	1970
1971	4.22	4.78	13.5	28.8	3.58	1.80	1.24	0.638	0.808	0.848	1.12	4.33	5.47	1971
1972	5.28	3.82	8.83	38.8	4.98	3.88	2.03	1.01	0.844	2.87	4.28	8.80	8.81	1972
1973	17.4	7.41	22.7	8.45	8.58	3.85	1.33	0.855	0.457	0.851	2.84	4.18	8.52	1973
1974	8.42	5.80	20.0	18.0	17.3	3.41	1.30	0.854	0.737	1.09	4.20	2.71	8.99	1974
1975	7.38	8.80	15.2	32.0	8.73	3.01	1.23	8.05	7.94	4.27	8.39	13.4	9.24	1975
1976	8.18	14.8	48.8	13.2	8.88	1.78	4.75	1.03	2.28	3.82	4.18	3.28	8.39	1976
1977	2.23	2.38	38.0	10.7	2.28	1.13	1.30	7.98	7.87	15.8	11.0	8.04	8.28	1977
1978	4.38	3.14	7.04	27.8	8.82	3.12	0.887	0.848	1.78	3.73	2.84	3.72	8.32	1978
1979	8.88	2.40	31.7	27.1	8.77	1.88	1.42	1.18	0.889	2.88	7.78	13.3	8.80	1979
1980	4.75	2.08	18.2	20.1	4.72	2.88	1.83	1.83	2.88	8.28	4.78	7.84	8.54	1980
1981	3.10	28.8	10.3	8.83	8.18	2.88	1.08	1.80	8.48	11.0	7.18	4.82	7.28	1981
1982	4.01	3.01	17.3	32.8	3.87	4.78	1.50	1.28	1.47	1.91	8.85	17.7	8.18	1982
1983	8.20	7.32	8.19	8.88	10.2	3.72	1.42	1.38	2.88	4.48	8.24	8.88	8.88	1983
1984	4.08	28.7	13.1	8.83	3.70	7.08	2.28	0.838	1.70	1.88	7.78	14.3	7.88	1984
MEAN	5.80	8.40	18.4	20.3	6.73	3.18	1.70	1.88	1.87	3.88	8.87	8.07	7.08	MEAN

LOCATION - LAT 43 84 87 N
LONG 81 15 80 W
DRAINAGE AREA, 538 km^2
REGULATED

MAITLAND RIVER ABOVE WINGHAM - STATION NO. 02FE005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	222 ON OCT 18	0.198 ON JUL 28	279 000	1954
1955	---	79.6 ON APR 1	0.227 ON SEP 14	208 000	1955
1956	---	188 ON APR 4	0.680 ON AUG 21	256 000	1956
1957	---	144 ON FEB 28	0.481 ON AUG 26	242 000	1957
1958	---	37.1 ON MAR 28	0.227 ON AUG 10	82 200	1958
1959	---	193 ON APR 2	0.568E ON AUG 3	310 000	1959
1960	---	222 ON APR 3	0.419 ON OCT 1	253 000	1960
1961	---	26.7B ON FEB 28	0.371 ON OCT 13	131 000	1961
1962	---	103 ON MAR 30	0.283 ON JUL 5	129 000	1962
1963	184 AT 00:01 EST ON MAR 28	150 ON MAR 28	0.337 ON OCT 11	139 000	1963
1964	53.8 AT 15:10 EST ON MAR 5	41.9 ON MAR 5	0.388 ON JUL 7	158 000	1964
1965	88.3 AT 16:00 EST ON APR 12	82.1B ON FEB 11	0.484 ON JUL 25	283 000	1965
1966	86.8 AT 01:00 EST ON DEC 6	86.1 ON DEC 6	0.193 ON JUL 30 *	209 000	1966
1967	105 AT 17:00 EST ON APR 3	88.9 ON APR 3	0.821 ON SEP 19	305 000	1967
1968	241 B AT 23:50 EST ON FEB 2	141 B ON FEB 2	0.880 ON JUL 21	277 000	1968
1969	129 AT 16:13 EST ON APR 5	110 ON APR 5	0.478 ON OCT 6	265 000	1969
1970	102 AT 21:00 EST ON APR 14	93.4 ON APR 14	0.824 ON AUG 21	175 000	1970
1971	84.7 AT 08:30 EST ON APR 10	75.6 ON APR 10	0.572 ON SEP 19	172 000	1971
1972	190 AT 12:20 EST ON APR 15	163 ON APR 15	0.588 ON SEP 23	209 000	1972
1973	82.7 AT 09:00 EST ON JAN 1	71.1 ON JAN 1	0.343 ON SEP 21	206 000	1973
1974	200 AT 17:28 EST ON MAY 17	144 ON MAY 17	0.588 ON AUG 21	221 000	1974
1975	374 AT 15:41 EST ON APR 19 *	286 ON APR 19 *	0.478 ON AUG 20	291 000	1975
1976	282 AT 16:33 EST ON MAR 21	243 ON MAR 21	0.587 ON AUG 25	287 000	1976
1977	311 AT 22:18 EST ON MAR 13	224 ON MAR 13	0.433 ON JUL 28	293 000	1977
1978	99.4 AT 04:30 EST ON APR 12	83.5 ON APR 12	0.640 ON SEP 10	188 000	1978
1979	222 AT 21:32 EST ON APR 14	185 ON APR 14	0.594 ON AUG 22	271 000	1979
1980	140 AT 23:42 EST ON MAR 21	109 ON MAR 22	0.488 ON AUG 25	207 000	1980
1981	187 AT 21:30 EST ON FEB 23	139 ON FEB 23	0.720 ON AUG 20	229 000	1981
1982	245 E AT 04:57 EST ON APR 1	154 E ON APR 1	0.748 ON AUG 13	258 000	1982
1983	29.2 AT 18:00 EST ON DEC 13	24.3 ON DEC 13	0.924 ON JUL 30	184 000	1983
1984	134 AT 07:48 EST ON DEC 30	117 ON DEC 30	0.581 ON AUG 21	242 000	1984
				224 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAITLAND RIVER AT BENMILLER - STATION NO. 02FE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1911	---	---	---	---	---	8.90	4.68	4.51	5.13	17.9	89.5	81.3	---	1911
1912	158	---	116	272	100	28.1	8.31	11.1	49.0	30.2	111	55.2	---	1912
1913	117	48.1	187	118	10.4	4.58	3.00	3.78	2.46	5.48	42.5	21.8	48.6	1913
1914	36.5	39.9	104	83.3	12.4	5.55	3.47	3.13	3.75	3.48	15.9	23.9	26.2	1914
1915	34.7	91.5	48.2	39.2	8.49	4.27	3.72	23.8	37.9	28.0	32.5	49.4	33.0	1915
1916	117	41.1	78.7	122	44.8	28.8	5.15	2.91	2.70	4.30	7.72	16.8	38.3	1916
1917	19.2	21.0	135	85.8	41.8	67.5	85.6	6.82	3.60	---	---	---	---	1917
MEAN	80.1	48.3	111	113	36.3	21.1	16.0	7.84	14.9	14.9	46.5	38.0	36.3	MEAN

LOCATION - LAT 43 43 05 N
LONG 81 37 35 W
DRAINAGE AREA, 2 460 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO HYDRO

MAITLAND RIVER AT BENMILLER - STATION NO. 02FE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1911	---	---	---	---	1911
1912	---	1 840 ON APR 7 *	3.98 ON JUL 8	---	1912
1913	---	968 ON MAR 15	1.98 ON SEP 15 *	1 480 000	1913
1914	---	391 ON MAR 30	1.98 ON AUG 7	826 000	1914
1915	---	188 ON FEB 23	2.94 ON JUN 27	1 040 000	1915
1916	---	841 ON MAR 30	2.29 ON AUG 24	1 240 000	1916
1917	---	462 ON MAR 25	---	---	1917
				1 150 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MAITLAND RIVER BELOW WINGHAM - STATION NO. 02FE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	80.4	21.5	38.7	24.0	4.08	0.723	0.882	1.01	1.63	4.31	---	1953
1954	3.67	83.1	86.6	55.0	11.6	2.89	0.739	0.294	0.900	72.5	20.1	20.9	29.5	1954
1955	26.6	16.2	78.2	57.2	11.8	3.93	0.412	0.298	0.185	0.803	8.15	14.1	17.8	1955
1956	7.84	4.77	55.9	88.4	62.8	8.85	9.02	3.38	9.92	3.78	4.56	26.3	23.7	1956
1957	26.5	36.4	52.7	36.4	11.6	7.24	13.8	0.893	4.87	5.52	27.5	50.5	22.9	1957
1958	11.5	7.07	41.6	22.0	3.43	1.83	1.54	0.854	2.28	1.45	7.81	3.82	8.74	1958
1959	11.0	12.7	68.0	124	24.0	4.42	2.81	2.52	3.68	9.15	39.3	28.9	27.4	1959
1960	18.1	14.8	12.7	126	48.3	12.7	2.27	1.18	0.680	0.734	2.62	1.83	20.1	1960
1961	1.38	15.1	44.3	25.8	20.5	8.54	4.01	2.15	1.87	1.21	6.77	18.2	12.1	1961
1962	7.12	7.18	86.8	42.1	7.17	1.91	0.888	0.847	0.858	1.92	7.17	14.3	13.2	1962
1963	8.88	4.18	72.7	31.3	18.4	3.43	1.02	1.08	0.840	1.31	3.84	2.88	12.4	1963
1964	18.1	12.8	48.1	32.0	8.28	1.84	2.23	8.30	2.57	3.07	4.33	22.3	13.5	1964
1965	12.8	62.7	38.5	88.7	18.4	2.74	2.37	2.87	2.47	34.1	30.4	57.4	29.3	1965
1966	24.0	42.8	82.7	32.3	14.5	18.7	1.84	1.57	1.77	2.18	10.2	39.2	20.7	1966
1967	33.7	21.1	46.2	71.8	13.2	24.3	12.9	4.02	3.44	24.7	52.3	48.6	29.7	1967
1968	16.7	86.5	53.6	35.5	12.2	5.51	3.18	13.8	8.76	16.2	28.7	37.3	24.8	1968
1969	40.3	40.9	52.0	82.7	43.2	8.32	4.07	1.91	1.11	2.86	13.7	11.0	25.9	1969
1970	7.05	10.3	18.4	69.4	15.5	4.10	5.87	2.68	3.35	7.33	12.5	22.7	18.5	1970
1971	11.4	13.8	40.8	88.0	8.29	5.68	2.76	2.00	1.81	1.78	2.18	11.9	16.8	1971
1972	16.0	10.6	32.5	107	12.8	10.8	7.47	2.33	1.81	7.25	14.0	30.6	21.0	1972
1973	80.3	19.8	78.1	27.0	21.2	9.59	3.31	2.47	1.58	1.83	8.42	14.5	21.0	1973
1974	39.6	20.0	82.2	56.7	50.2	7.85	2.80	1.53	1.36	1.97	8.58	8.15	21.6	1974
1975	21.6	24.1	51.7	92.8	16.5	8.84	3.17	36.4	25.8	12.4	18.5	41.0	29.2	1975
1976	19.6	58.1	153	40.1	26.4	4.05	8.73	2.80	4.66	7.23	12.1	9.68	28.9	1976
1977	8.78	8.64	128	28.0	4.88	2.17	2.11	15.2	21.3	38.8	31.5	31.3	28.8	1977
1978	13.0	10.3	26.5	114	15.7	7.89	1.88	1.57	8.55	10.6	9.92	13.0	19.2	1978
1979	18.7	7.74	122	88.8	17.8	4.89	2.57	1.93	1.36	8.37	27.1	48.7	28.9	1979
1980	14.3	8.31	67.1	60.8	13.7	8.24	3.01	2.71	5.03	12.1	10.1	23.8	18.8	1980
1981	7.46	85.8	30.5	20.1	17.5	5.80	2.38	3.00	13.2	34.8	21.8	18.3	21.9	1981
1982	10.6	5.18	59.6	111	7.85	15.3	4.10	3.87	4.84	5.43	38.7	86.8	27.7	1982
1983	18.2	24.7	23.3	28.7	38.5	10.9	2.41	2.64	9.28	12.4	19.0	30.2	18.2	1983
1984	10.9	89.8	47.0	29.1	9.09	18.0	3.92	1.84	4.21	4.28	25.6	43.9	24.3	1984
MEAN	17.5	27.8	59.1	61.4	20.2	8.01	3.85	4.04	4.79	10.9	18.4	25.2	21.7	MEAN

LOCATION - LAT 43 53 12 N LONG 81 19 37 W DRAINAGE AREA, 1 830 km² REGULATED

MAITLAND RIVER BELOW WINGHAM - STATION NO. 02FE002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1953	188R AT 22:00 EST ON MAR 18	180 ON MAR 18	0.283 ON AUG 15	---	1953
1954	---	464 ON OCT 16	0.142 ON JUL 28	931 000	1954
1955	---	294 ON MAR 12	0.057 ON SEP 10 *	582 000	1955
1956	---	391 ON APR 5	0.736 ON AUG 21	752 000	1956
1957	---	238 ON DEC 22	0.425 ON AUG 23	722 000	1957
1958	---	130 ON MAR 28	0.481 ON AUG 7	275 000	1958
1959	---	402 ON APR 6	1.33 ON JUL 10	865 000	1959
1960	583R AT 05:00 EST ON APR 4	586 ON APR 4	0.328 ON OCT 1	836 000	1960
1961	---	114 ON MAR 7	0.592 ON OCT 24	383 000	1961
1962	---	478 ON MAR 30	0.227 ON JUL 14	417 000	1962
1963	---	530 ON MAR 28	0.262 ON JUL 13	390 000	1963
1964	---	148 ON DEC 26	0.629 ON JUL 6	428 000	1964
1965	---	306 ON FEB 12	0.776 ON SEP 8	825 000	1965
1966	---	215 ON FEB 12	1.04 ON SEP 20	853 000	1966
1967	221 AT 03:00 EST ON MAR 31	217 ON MAR 31	0.857 ON SEP 13	937 000	1967
1968	490 AT 02:00 EST ON FEB 3	418 ON FEB 3	1.78 ON JUL 16	786 000	1968
1969	371 AT 17:48 EST ON APR 5	323 ON APR 5	0.954 ON SEP 28	818 000	1969
1970	278 AT 21:35 EST ON APR 10	267 ON APR 10	1.58 ON AUG 18	522 000	1970
1971	257 AT 11:28 EST ON APR 10	252 ON APR 10	0.861 ON OCT 30	529 000	1971
1972	388 AT 15:43 EST ON APR 15	374 ON APR 15	1.58 ON SEP 24	684 000	1972
1973	2408 AT 04:27 EST ON JAN 1	2298 ON JAN 1	1.35 ON OCT 8	682 000	1973
1974	394 AT 22:00 EST ON MAY 17	314 ON MAR 6	1.16 ON AUG 26	583 000	1974
1975	778 AT 20:10 EST ON APR 19 *	636 ON APR 19	1.68 ON AUG 20	923 000	1975
1976	685 AT 20:48 EST ON MAR 21	592 ON MAR 21	1.78 ON AUG 28	814 000	1976
1977	739 AT 04:16 EST ON MAR 14	580 ON MAR 14 *	0.799 ON JUL 28	840 000	1977
1978	314 AT 08:00 EST ON APR 12	284 ON APR 8	1.17 ON AUG 8	805 000	1978
1979	585 AT 21:13 EST ON APR 14	440 ON APR 15	1.17 ON SEP 9	912 000	1979
1980	349 AT 11:55 EST ON MAR 22	332 ON MAR 22	1.24 ON AUG 27	595 000	1980
1981	533 AT 23:15 EST ON FEB 23	484 ON FEB 24	1.52 ON AUG 28	890 000	1981
1982	584 AT 08:57 EST ON APR 1	548 ON APR 1	1.93 ON AUG 22	874 000	1982
1983	112 AT 01:03 EST ON DEC 14	105 ON DEC 14	1.42 ON JUL 30	573 000	1983
1984	318 AT 09:22 EST ON DEC 30	308 ON FEB 18	1.27 ON AUG 28	768 000	1984
				685 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980

MAITLAND RIVER NEAR DONNYBROOK - STATION NO. 02FE004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	31.3	22.0	---	---	1945
1946	---	---	89.8	13.1	7.46	5.07	2.80	1.15	1.11	1.27	3.38	4.42	---	1946
1947	---	---	---	188	51.0	55.8	13.6	6.60	2.98	1.48	4.84	22.4	---	1947
1948	11.3	17.3	188	40.1	21.9	3.98	3.36	2.18	0.829	1.92	5.88	4.78	23.4	1948
1949	23.4	36.8	75.5	23.0	5.45	2.23	3.61	1.00	1.44	7.28	7.68	77.2	22.1	1949
1950	66.2	13.0	76.3	100	9.08	8.56	10.2	2.77	2.38	3.77	19.0	48.6	30.2	1950
1951	57.6	44.6	63.2	90.8	15.7	7.87	7.06	2.86	3.42	17.3	47.2	25.1	33.6	1951
1952	54.8	25.8	60.4	74.7	17.2	3.81	2.08	2.36	1.78	1.17	4.08	18.0	22.2	1952
1953	25.6	17.8	72.2	19.8	41.8	25.6	4.86	1.51	2.61	2.41	2.62	11.2	18.1	1953
1954	12.1	80.9	94.7	67.2	12.3	4.26	1.04	1.62	3.20	79.1	21.4	26.8	33.4	1954
1955	32.8	17.6	61.6	70.6	14.1	7.37	1.53	0.848	0.830	2.83	10.1	18.0	21.4	1955
1956	8.43	8.18	55.5	86.8	66.6	9.76	10.4	3.88	10.3	8.77	8.78	33.3	26.4	1956
1957	28.3	35.6	58.6	37.1	14.4	12.8	18.2	1.82	5.78	8.78	31.3	66.4	26.6	1957
1958	13.1	7.26	36.1	26.3	6.97	2.02	1.42	0.557	2.62	1.33	4.77	3.97	8.12	1958
1959	13.0	16.0	89.8	141	29.9	8.24	3.80	2.67	6.64	11.3	45.2	36.0	31.5	1959
1960	21.3	15.8	12.8	134	56.4	16.6	3.82	1.88	1.11	1.21	4.66	3.67	22.6	1960
1961	2.72	16.0	48.3	26.3	25.7	8.56	4.38	2.92	2.64	1.94	7.45	17.8	13.7	1961
1962	6.67	8.47	86.8	48.7	9.21	3.21	1.38	1.28	1.61	2.63	7.16	22.1	14.7	1962
1963	7.71	4.85	74.5	35.0	20.4	4.07	1.72	1.71	1.24	1.33	4.71	3.44	13.5	1963
1964	19.6	18.0	47.2	31.6	8.62	2.76	2.19	10.2	3.71	4.41	5.23	30.5	15.2	1964
1965	22.5	56.4	47.8	91.3	23.3	3.89	2.48	3.52	3.43	37.2	31.0	62.4	32.1	1965
1966	27.2	36.6	63.0	37.6	17.9	17.5	1.97	1.86	2.32	3.24	12.1	46.8	22.5	1966
1967	36.2	22.4	52.8	88.3	14.7	26.0	13.9	4.51	3.63	26.3	60.8	56.9	33.8	1967
1968	17.5	76.1	54.4	29.8	13.8	8.30	3.47	14.0	8.09	18.9	31.0	40.7	26.7	1968
1969	43.8	41.1	54.2	104	48.5	10.8	4.98	2.30	1.46	3.78	17.2	12.2	28.6	1969
1970	8.79	12.2	18.2	97.1	17.9	4.75	8.87	3.28	3.89	8.64	13.9	28.5	18.7	1970
1971	13.5	15.3	47.6	103	10.8	7.46	3.42	2.78	2.74	2.21	2.83	14.0	18.7	1971
1972	17.1	11.9	37.6	112	14.4	12.8	8.53	2.91	2.05	8.32	15.6	34.9	23.1	1972
1973	84.5	22.3	60.5	29.6	22.7	10.2	3.77	2.97	1.60	2.18	11.0	17.2	22.5	1973
1974	45.0	23.3	89.0	84.4	58.8	8.87	3.58	1.78	1.45	2.56	11.5	7.53	24.7	1974
1975	26.9	26.2	82.1	106	18.6	9.34	3.55	38.2	25.8	13.0	17.8	47.8	33.0	1975
1976	22.8	62.5	184	42.9	26.6	5.21	9.78	3.37	5.62	8.10	14.6	11.9	31.6	1976
1977	7.49	7.23	135	31.0	5.88	3.12	2.65	16.6	22.7	42.3	35.0	33.9	26.6	1977
1978	14.6	12.8	28.6	123	18.1	8.62	2.87	2.20	7.28	11.5	10.6	14.0	21.1	1978
1979	20.6	8.46	129	97.2	20.3	6.02	3.53	2.63	1.62	7.40	31.2	52.7	31.8	1979
1980	17.7	8.32	72.4	88.6	15.8	7.86	4.18	3.88	6.23	13.9	11.8	27.8	21.7	1980
1981	9.26	110	34.1	22.3	19.7	7.49	3.28	3.61	14.4	34.8	22.6	17.8	24.3	1981
1982	12.7	5.49	61.6	119	9.13	16.8	5.18	5.12	5.91	8.75	41.1	73.0	30.2	1982
1983	20.6	27.2	25.3	31.8	38.8	13.0	3.74	4.00	11.1	13.6	21.1	35.2	20.5	1983
1984	12.8	110	51.3	33.4	10.5	17.8	5.25	2.80	5.76	4.44	28.5	46.7	27.1	1984
MEAN	23.4	29.0	87.6	89.2	22.0	10.1	5.00	4.42	4.95	11.4	17.8	28.4	24.3	MEAN

LOCATION - LAT 43 49 30 N LONG 81 29 26 W DRAINAGE AREA, 1 760 km² REGULATED

MAITLAND RIVER NEAR DONNYBROOK - STATION NO. 02FE004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1945	---	---	---	---	1945
1946	---	406 ON MAR 8	0.425 ON AUG 8	---	1946
1947	---	882 ON APR 7	---	---	1947
1948	---	861 ON MAR 20 *	0.388 ON SEP 28	739 000	1948
1949	---	408 ON MAR 23	0.588 ON AUG 22	698 000	1949
1950	---	581 ON APR 5	0.765 ON AUG 24	952 000	1950
1951	---	309 ON JAN 5	1.27 ON AUG 26	1 080 000	1951
1952	---	226 ON APR 2	0.588 ON OCT 11	702 000	1952
1953	---	168 ON MAY 27	0.785 ON AUG 31	601 000	1953
1954	---	538 ON OCT 17	0.388 ON JUL 13	1 080 000	1954
1955	---	270 ON MAR 12	0.057 ON JUL 30 *	874 000	1955
1956	---	378 ON APR 5	0.785 ON AUG 27	836 000	1956
1957	---	282 ON DEC 22	0.388 ON AUG 27	806 000	1957
1958	---	118 ON MAR 30	0.057 ON AUG 15	268 000	1958
1959	---	453 ON APR 4	0.785 ON JUL 17	993 000	1959
1960	---	626 ON APR 4	0.385 ON SEP 5	714 000	1960
1961	---	88.8 ON MAR 7	0.850 ON SEP 24	430 000	1961
1962	---	384 ON MAR 30	0.782 ON JUL 15	463 000	1962
1963	---	479 ON MAR 28	0.820 ON SEP 15	426 000	1963
1964	---	144 ON MAR 8	0.934 ON JUL 8	481 000	1964
1965	---	270 ON APR 12	1.03 ON AUG 5	1 010 000	1965
1966	---	285 ON DEC 8	0.889 ON JUL 31	709 000	1966
1967	433 AT 08:00 EST ON MAR 31	405 ON MAR 31	1.44 ON SEP 20	1 070 000	1967
1968	640 AT 00:30 EST ON FEB 3	524 ON FEB 3	1.63 ON AUG 4	848 000	1968
1969	466 AT 21:40 EST ON APR 5	377 ON APR 6	1.29 ON SEP 11	901 000	1969
1970	288 AT 02:46 EST ON APR 11	285 ON APR 10	1.81 ON AUG 17	569 000	1970
1971	267 AT 17:00 EST ON APR 10	261 ON APR 10	1.22 ON OCT 31	580 000	1971
1972	413 AT 18:32 EST ON APR 15	388 ON APR 15	1.46 ON SEP 23	732 000	1972
1973	248 AT 08:14 EST ON JAN 1	236 ON JAN 1	1.21 ON SEP 15	710 000	1973
1974	416 AT 01:54 EST ON MAY 18	364 ON MAY 18	1.08 ON AUG 26	779 000	1974
1975	816 AT 22:40 EST ON APR 19 *	643 ON APR 20	1.81 ON AUG 21	1 040 000	1975
1976	694 AT 22:29 EST ON MAR 21	658 ON MAR 21	2.20 ON AUG 26	889 000	1976
1977	773 AT 06:30 EST ON MAR 14	718 ON MAR 14	0.980 ON JUL 28	907 000	1977
1978	323 AT 11:21 EST ON APR 12	314 ON APR 12	1.68 ON SEP 7	686 000	1978
1979	546 AT 23:22 EST ON APR 14	464 ON APR 15	1.28 ON SEP 8	1 010 000	1979
1980	336 AT 15:46 EST ON MAR 22	325 ON MAR 22	1.68 ON AUG 27	686 000	1980
1981	541 AT 23:50 EST ON FEB 23	516 ON FEB 24	1.66 ON AUG 26	766 000	1981
1982	571 AT 11:15 EST ON APR 1	531 ON APR 1	2.81 ON AUG 22	862 000	1982
1983	122 AT 02:00 EST ON DEC 14	118 ON DEC 14	2.09 ON JUL 30	648 000	1983
1984	359 AT 20:00 EST ON FEB 15	313 ON FEB 16	1.68 ON AUG 27	656 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		787 000	MEAN

MAITLAND RIVER NEAR HARRISTON - STATION NO. 02FE011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	0.287	1.01	1.92	1.27	0.820	---	1981
1982	0.548	0.217	3.24	8.85	0.413	0.952	0.205	0.170	0.269	0.275	2.87	4.97	1.75	1982
1983	0.978	1.48	2.05	2.11	2.38	0.542	0.210	0.120	0.276	0.619	1.11	1.84	1.13	1983
1984	0.850	7.51	2.78	1.88	0.657	0.852	0.286	0.103	0.185	0.175	1.43	3.85	1.67	1984
MEAN	0.726	3.07	2.68	3.84	1.15	0.782	0.234	0.170	0.431	0.747	1.67	2.82	1.52	MEAN

LOCATION - LAT 43 54 12 N LONG 80 53 33 W
DRAINAGE AREA, 112 km²
NATURAL FLOW

MAITLAND RIVER NEAR HARRISTON - STATION NO. 02FE011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1981	---	---	0.055 ON AUG 27	---	1981
1982	57.3 AT 20:15 EST ON MAR 31 *	45.0 ON MAR 31 *	0.088 ON AUG 18	55 400	1982
1983	8.28 AT 00:35 EST ON APR 11	5.89 ON APR 18	0.048 ON SEP 14 *	35 500	1983
1984	45.9 AT 21:05 EST ON DEC 29	40.3 ON FEB 15	0.078 ON AUG 21	52 700	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		47 900	MEAN

MAJOR CREEK ABOVE GREEN RIVER - STATION NO. 02HC037

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	0.023	0	0	0.003	0.018	0.018	---	1974
1975	0.038	0.098	0.083	0.093	0.044	0.007	0	0.001	0.002	0.002	0.009	0.024	0.033	1975
1976	0.017	0.081	0.175	0.062	0.051	0.008	---	---	---	---	---	---	---	1976
MEAN	0.027	0.089	0.129	0.078	0.048	0.008	0.012	0.001	0.001	0.003	0.014	0.020	0.033	MEAN

LOCATION - LAT 43 54 20 N LONG 79 11 27 W
DRAINAGE AREA, 4.92 km²
NATURAL FLOW

MAJOR CREEK ABOVE GREEN RIVER - STATION NO. 02HC037

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	---	---	0 ON JUL 14 *	---	1974
1975	2.17 AT 18:15 EST ON FEB 24	1.29 ON FEB 24 *	0 ON JUN 25	1 030	1975
1976	3.20 AT 18:01 EST ON MAR 20 *	1.10 ON MAR 20	0.003 ON JUN 8	---	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 030	MEAN

MANITOU RIVER ABOVE DEVIL'S CASCADE - STATION NO. 05PB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	7.34	8.01	8.35	8.98	5.52	---	1914
1915	5.23	5.23	5.20	5.44	7.19	7.88	8.23	7.47	8.03	5.74	---	---	---	1915
MEAN	5.23	5.23	5.20	5.44	7.19	7.88	8.23	7.41	8.02	8.05	8.98	5.52	---	MEAN

LOCATION - LAT 48 58 30 N LONG 93 20 30 W
DRAINAGE AREA, 1 380 km²
REGULATED

MANITOU RIVER ABOVE DEVIL'S CASCADE - STATION NO. 05PB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1914	---	---	---	---	1914
1915	---	8.87 ON JUN 30 *	---	---	1915
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MARIPOSA BROOK NEAR LITTLE BRITAIN - STATION NO. 02HG001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	---	1.27	4.81	5.32	---	1982
1983	1.49	2.30	3.47	3.00	3.05	0.453	0.111	0.122	0.078	0.218	1.00	0.841	1.35	1983
1984	0.386	6.81	5.24	5.40	1.87	0.289	0.247	0.114	0.281	0.348	0.695	0.818	1.84	1984
MEAN	0.938	4.46	4.36	4.20	2.46	0.371	0.178	0.118	0.170	0.812	2.20	2.73	1.60	MEAN

LOCATION - LAT 44 17 20 N DRAINAGE AREA, 189 km²
LONG 78 50 30 W NATURAL FLOW

REMARKS - GAUGE OPERATIONAL FROM SEP 08 1982

MARIPOSA BROOK NEAR LITTLE BRITAIN - STATION NO. 02HG001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	8.88 AT 04:48 EST ON MAY 3	7.88 ON MAR 20	0.088 ON SEP 13 *	42 600	1983
1984	18.5 B AT 06:27 EST ON FEB 20 *	17.6 B ON FEB 20 *	0.089 ON AUG 17	58 200	1984
				50 400	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MARTEN RIVER AT WICKSTEED LAKE DAM - STATION NO. 02DC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1947	---	---	---	---	---	---	---	---	---	1.27	0.423	1.98	---	1947
1948	2.12	---	---	---	---	0	1.38	1.26	---	1.84	0	3.80	---	1948
1949	5.33	4.55	2.35	25.8	3.71	5.01	3.07	1.41	1.42	1.89	1.30	5.38	5.08	1949
1950	4.01	0.629	0.570	5.69	12.1	0	0	0	0.917	4.46	3.96	0	2.73	1950
1951	3.51	0.623	0.878	11.2	6.09	0.045	0.201	0	0	11.2	11.8	4.48	4.18	1951
1952	2.27	11.9	3.76	20.7	8.02	3.83	0	0.283	2.90	2.68	1.57	6.08	5.28	1952
1953	2.86	1.48	17.0	17.4	2.56	2.20	0.088	2.21	2.36	3.50	0.883	1.52	4.54	1953
1954	1.30	0.863	2.80	---	8.49	9.41	3.52	0.105	0.328	11.8	3.51	4.58	---	1954
1955	2.44	8.57	2.70	14.5	0.064	0.106	1.28	9.51	0	1.78	10.6	1.18	4.37	1955
1956	3.35	6.34	1.79	1.37	15.4	4.51	0.509	0.848	3.07	7.18	2.85	3.85	4.22	1956
1957	7.00	2.51	3.16	9.00	2.17	2.71	10.6	0.287	3.34	3.75	12.4	3.45	5.05	1957
1958	5.41	4.23	8.92	3.72	0.202	1.84	4.31	3.87	3.11	8.07	1.85	1.24	3.86	1958
1959	4.04	4.84	1.89	3.33	11.7	2.59	0.988	3.58	4.98	1.41	8.51	4.58	4.19	1959
1960	3.19	7.05	2.88	12.1	18.3	0.123	6.12	5.26	1.78	2.67	10.0	4.01	5.84	1960
1961	8.32	2.60	1.15	1.79	8.76	6.88	1.41	0.227	2.14	4.50	0.810	0.826	3.37	1961
1962	5.54	1.39	1.16	7.50	16.1	0	0.292	2.57	1.90	0.675	2.76	0.850	3.41	1962
1963	0.481	0.481	0.481	14.7	2.54	3.00	0.484	3.25	3.15	8.25	1.41	0.823	3.10	1963
1964	0.823	0.823	0.823	4.89	8.97	5.92	3.40	3.32	2.83	4.92	5.16	7.15	3.89	1964
1965	4.13	1.38	0.863	2.06	14.8	0.358	0.687	2.67	11.3	9.74	8.89	5.52	5.06	1965
1966	7.44	5.89	2.25	3.42	4.84	4.39	1.85	1.18	1.88	2.33	6.46	12.5	4.51	1966
1967	5.73	8.17	1.38	12.0	16.8	8.59	1.48	1.80	8.36	3.91	13.9	2.32	6.85	1967
1968	3.11	4.44	1.31	7.83	12.6	0.477	0.807	1.48	1.95	0.408	7.91	3.85	3.82	1968
1969	3.20	1.64	1.38	10.6	8.02	4.07	0.324	0	0	1.70	8.30	8.11	3.82	1969
1970	8.38	2.85	1.38	5.80	23.5	5.83	15.6	2.29	0.280	5.03	4.25	3.08	6.58	1970
1971	6.88	2.58	1.50	4.86	5.40	0.627	0	0.988	0.982	0.088	0	3.47	2.28	1971
1972	9.19	8.56	1.54	2.31	12.5	1.60	4.80	10.0	5.91	0.838	1.68	7.18	5.38	1972
1973	2.82	1.46	1.45	8.36	9.00	2.77	1.49	0.130	0	3.54	9.89	5.20	3.68	1973
1974	1.80	1.38	0.811	3.03	13.9	4.45	2.18	3.08	2.56	0.630	9.35	4.38	3.95	1974
1975	3.84	8.53	1.38	0.852	9.33	0.081	0.024	0	0	0	0.393	8.18	2.65	1975
1976	7.05	1.82	3.32	8.26	9.80	2.23	0.452	0	---	---	---	---	---	1976
MEAN	4.38	3.82	2.53	8.12	9.37	2.81	2.32	2.13	2.49	3.81	4.99	4.03	4.27	MEAN

LOCATION - LAT 46 42 43 N DRAINAGE AREA, 298 km² DATA CONTRIBUTED BY -
LONG 78 44 13 W REGULATED ONTARIO HYDRO

MARTEN RIVER AT WICKSTEED LAKE DAM - STATION NO. 02DC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1949	---	40.8 ON APR 24	0 ON MAY 8 *	150 000	1949
1950	---	21.5 ON MAY 10	0 ON MAY 24	88 100	1950
1951	---	27.3 ON APR 24	0 ON JAN 1	132 000	1951
1952	---	46.4 ON APR 24 *	0 ON JUN 17	167 000	1952
1953	---	42.8 ON MAR 30	0 ON MAY 2	143 000	1953
1954	---	---	---	---	1954
1955	---	32.3 ON APR 19	0 ON APR 28	138 000	1955
1956	---	28.0 ON MAY 18	0 ON APR 12	134 000	1956
1957	---	32.3 ON APR 28	0.113 ON MAY 8	159 000	1957
1958	---	16.7 ON MAR 12	0 ON APR 18	115 000	1958
1959	---	21.7 ON MAY 8	0 ON APR 15	132 000	1959
1960	---	32.0 ON APR 28	0 ON JUN 14	188 000	1960
1961	---	18.5 ON MAY 10	0 ON APR 20	107 000	1961
1962	---	43.8 ON MAY 5	0 ON MAY 23	107 000	1962
1963	---	34.0 ON APR 21	0 ON JUL 30	87 700	1963
1964	---	18.5 ON APR 27	0.057 ON DEC 30	123 000	1964
1965	---	34.6 ON SEP 25	0 ON JUN 28	150 000	1965
1966	---	24.7 ON NOV 29	0 ON APR 20	142 000	1966
1967	---	30.6 ON NOV 4	0 ON DEC 1	210 000	1967
1968	---	21.6 ON MAY 2	0 ON APR 4	121 000	1968
1969	---	21.7 ON APR 30	0 ON JUL 21	114 000	1969
1970	---	38.2 ON MAY 8	0 ON MAY 28	207 000	1970
1971	---	21.7 ON MAY 3	0 ON JUN 25	72 100	1971
1972	---	24.8 ON MAY 8	0.057 ON JUN 14	170 000	1972
1973	---	18.5 ON MAY 5	0 ON MAY 31	118 000	1973
1974	---	27.1 ON MAY 3	0 ON APR 18	124 000	1974
1975	---	25.3 ON MAY 7	0 ON APR 25	80 300	1975
1976	---	15.5 ON APR 22	0 ON APR 2	---	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		135 000	MEAN

MATABITCHUAN RIVER AT RABBIT LAKE DAM - STATION NO. 02JE021

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1946	---	---	---	---	---	---	---	---	---	8.33	4.48	3.88	---	1946
1947	8.10	10.8	20.3	11.0	49.2	37.5	5.83	7.30	8.85	3.78	6.78	7.88	14.8	1947
1948	11.8	8.37	9.26	2.11	3.89	10.0	8.26	8.49	10.7	6.85	3.34	4.14	7.36	1948
1949	5.38	7.84	10.3	5.77	14.0	16.7	11.9	10.5	7.91	5.89	6.88	5.78	9.15	1949
1950	7.44	8.92	13.4	7.15	0.581	3.13	5.71	5.37	5.85	5.50	4.20	2.03	5.74	1950
1951	11.9	12.8	20.7	6.85	18.9	0.848	7.19	3.36	2.93	28.0	24.4	14.6	12.8	1951
1952	12.8	14.3	18.0	2.37	23.2	8.12	0.491	6.20	8.05	8.25	7.28	4.95	9.24	1952
1953	13.6	13.8	20.8	24.0	4.92	7.88	2.84	1.27	0.889	0.898	8.78	0	8.88	1953
1954	7.83	9.81	15.1	10.3	10.1	27.8	9.01	5.10	8.93	22.5	15.3	17.7	13.3	1954
1955	14.1	12.0	23.7	0	0.080	3.88	2.43	1.93	2.88	14.9	24.3	10.3	9.21	1955
1956	15.4	21.8	15.6	0	8.85	14.8	13.1	8.95	6.38	16.2	11.2	13.6	12.2	1956
1957	14.6	14.7	13.7	6.58	14.2	7.71	22.8	7.41	8.77	11.1	15.1	20.7	13.0	1957
1958	15.0	16.1	12.8	1.18	2.09	7.28	7.84	7.80	1.05	5.89	11.8	8.46	8.05	1958
1959	11.2	16.0	29.9	5.37	12.2	13.1	9.19	6.47	5.82	12.4	11.2	14.7	12.3	1959
1960	15.4	16.2	33.2	9.68	37.5	8.02	20.7	5.57	11.4	13.6	10.1	11.6	16.4	1960
1961	15.6	16.1	15.3	2.35	0.914	10.6	14.5	3.85	10.6	9.26	14.2	13.3	10.5	1961
1962	15.2	16.9	24.3	1.09	6.33	7.95	10.1	0.530	1.65	5.79	6.29	4.90	8.57	1962
1963	10.1	10.5	8.75	0	0	9.29	0	0.137	8.27	9.37	8.09	8.59	5.30	1963
1964	10.2	13.6	13.9	7.21	3.76	11.5	3.52	2.87	1.55	5.82	13.0	10.2	8.05	1964
1965	13.9	15.1	13.5	5.89	0.107	8.08	8.28	0.717	14.7	16.4	12.9	10.7	9.88	1965
1966	11.1	11.7	12.7	8.42	11.7	14.1	7.28	0.036	3.56	3.86	9.51	15.2	9.08	1966
1967	9.81	14.3	23.0	9.92	17.4	18.2	8.81	7.34	4.78	2.12	1.88	10.5	10.6	1967
1968	12.6	13.9	13.2	0.171	3.68	7.30	8.03	7.04	5.48	9.46	8.08	8.00	8.07	1968
1969	7.43	4.52	3.68	1.42	1.26	3.46	3.63	6.22	4.37	4.78	4.89	6.32	4.31	1969
1970	8.75	13.2	15.5	3.72	9.85	22.3	8.19	2.47	4.78	12.0	13.1	15.1	10.7	1970
1971	13.3	16.4	18.7	10.3	2.25	10.2	5.56	7.80	2.43	0.446	0.509	2.43	7.29	1971
1972	7.08	9.21	9.78	8.09	7.41	3.13	0.874	8.08	5.37	0	0	4.41	4.88	1972
1973	4.83	4.87	11.2	2.34	14.3	4.25	1.40	0	0	3.27	1.70	0.091	4.04	1973
1974	8.08	8.08	22.6	0.504	11.3	23.7	11.6	10.8	8.16	4.84	17.2	12.8	11.4	1974
1975	14.7	19.8	21.4	7.28	3.28	7.90	3.43	2.37	5.03	8.81	5.88	8.81	9.00	1975
1976	8.34	15.2	24.0	3.40	18.4	2.18	0.740	0	1.80	3.14	4.38	2.38	7.15	1976
1977	14.8	17.5	8.01	8.01	8.88	3.70	3.80	7.84	8.15	8.81	10.2	14.8	8.33	1977
1978	20.4	20.0	17.2	2.88	0.280	8.78	8.03	4.31	12.7	18.3	11.4	12.6	10.8	1978
1979	17.9	24.5	16.3	8.00	27.8	17.1	8.17	8.28	8.61	8.87	7.85	21.8	14.0	1979
1980	13.4	20.8	18.3	8.59	18.8	8.81	4.88	3.05	8.82	10.2	8.78	12.7	10.8	1980
1981	14.3	21.2	18.0	21.8	8.83	11.1	11.8	8.48	8.75	10.4	11.8	14.8	12.7	1981
1982	18.5	22.3	19.8	8.12	0.010	2.18	2.88	1.88	7.07	10.8	13.0	15.7	8.88	1982
1983	15.4	24.8	4.48	0.003	18.7	8.88	4.20	2.80	3.48	8.83	1.24	7.73	8.22	1983
1984	13.8	20.8	18.1	0	11.4	23.1	10.8	11.2	10.9	7.10	14.8	23.4	13.8	1984
MEAN	12.2	14.8	18.3	5.77	10.8	10.8	7.11	4.83	8.25	8.80	9.28	10.1	9.75	MEAN

LOCATION - LAT 47 01 44 N, LONG 79 35 14 W DRAINAGE AREA, 749 km^2, REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

MATABITCHUAN RIVER AT RABBIT LAKE DAM - STATION NO. 02JE021

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1946	---	---	---	---	1946
1947	---	71.9 ON MAY 10	0 ON APR 13 *	467 000	1947
1948	---	18.5 ON MAY 28	0 ON APR 11	233 000	1948
1949	---	41.6 ON JUN 28	0 ON APR 8	289 000	1949
1950	---	18.2 ON MAR 10	0 ON APR 21	181 000	1950
1951	---	66.8 ON MAY 2	0 ON APR 4	405 000	1951
1952	---	33.7 ON MAY 2	0 ON APR 4	292 000	1952
1953	---	44.2 ON APR 14	0 ON MAY 13	279 000	1953
1954	---	67.7 ON OCT 18	0 ON JAN 1	421 000	1954
1955	---	46.2 ON NOV 1	0 ON MAR 24	280 000	1955
1956	---	43.0 ON MAY 29	0 ON MAR 23	384 000	1956
1957	---	78.6 ON JUL 1	0 ON MAR 28	409 000	1957
1958	---	32.3 ON NOV 4	0 ON APR 23	254 000	1958
1959	---	35.1 ON MAR 18	0 ON APR 9	388 000	1959
1960	---	78.7 ON MAY 13	0 ON APR 19	518 000	1960
1961	---	20.0 ON MAR 22	0 ON APR 6	332 000	1961
1962	---	32.3 ON MAR 15	0 ON APR 3	270 000	1962
1963	---	25.2 ON JUN 20	0 ON MAR 24	167 000	1963
1964	---	32.0 ON JUN 15	0 ON APR 21	254 000	1964
1965	---	60.3 ON SEP 24	0 ON APR 14	311 000	1965
1966	---	35.1 ON JUN 11	0 ON APR 13	287 000	1966
1967	---	48.3 ON JUN 17	0 ON APR 19	336 000	1967
1968	---	20.4 ON MAR 15	0 ON MAR 28	255 000	1968
1969	---	25.9 ON SEP 23	0 ON JAN 18	136 000	1969
1970	---	108 ON JUN 3 *	0 ON APR 24	336 000	1970
1971	---	24.6 ON JUN 28	0 ON APR 28	230 000	1971
1972	---	33.7 ON MAY 26	0 ON APR 21	154 000	1972
1973	---	39.9 ON MAY 11	0 ON APR 6	127 000	1973
1974	---	40.2 ON MAR 12	0 ON APR 19	361 000	1974
1975	---	28.3 ON APR 2	0 ON APR 11	264 000	1975
1976	---	35.9 ON MAY 22	0 ON APR 7	226 000	1976
1977	---	37.4 ON APR 29	0 ON MAR 18	294 000	1977
1978	---	28.6 ON FEB 8	0 ON APR 27	334 000	1978
1979	---	88.3 ON MAY 1	0 ON APR 4	443 000	1979
1980	---	36.5 ON MAY 7	0 ON APR 10	332 000	1980
1981	---	44.0 ON APR 21	0 ON APR 3	388 000	1981
1982	---	32.2 ON FEB 10	0 ON APR 15	314 000	1982
1983	---	67.8 ON MAY 8	0 ON MAR 17	259 000	1983
1984	---	57.0 ON MAY 30	0 ON MAR 30	437 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		308 000	MEAN

MATTAGAMI RIVER AT LITTLE LONG RAPIDS - STATION NO. 04LG003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	193	197	222	---	1963
1964	175	165	193	867	1 820	930	455	288	312	835	453	217	528	1964
1965	188	190	184	256	1 830	379	224	268	498	740	336	230	447	1965
1966	193	224	211	675	1 430	729	245	245	230	880	448	408	495	1966
1967	227	242	195	1 310	2 080	728	315	301	144	187	258	170	515	1967
1968	162	148	181	1 360	668	687	807	298	368	537	325	205	481	1968
1969	180	193	204	757	1 490	581	340	216	284	448	391	230	448	1969
1970	155	150	161	251	1 230	784	500	255	257	226	241	208	370	1970
1971	178	144	168	475	1 740	582	280	227	313	294	380	252	420	1971
1972	187	171	194	226	1 670	850	420	255	251	414	248	158	421	1972
1973	178	189	248	908	1 290	539	507	432	444	358	283	185	483	1973
1974	158	161	227	232	1 850	824	373	216	231	522	380	180	448	1974
1975	161	152	178	314	1 160	831	188	101	77.8	118	308	240	322	1975
1976	167	140	210	1 380	1 310	336	196	155	103	84.3	81.3	78.4	354	1976
1977	106	112	207	1 040	783	281	224	101	415	308	425	208	350	1977
1978	154	145	176	178	1 780	971	868	217	261	512	258	172	469	1978
1979	136	133	203	880	2 740	1 010	347	218	284	858	544	301	623	1979
1980	175	161	182	868	1 140	510	240	138	155	385	228	133	345	1980
1981	123	150	227	1 030	1 400	532	226	77.8	125	202	238	148	374	1981
1982	130	152	175	288	1 400	288	448	180	363	885	893	313	442	1982
1983	146	158	228	378	2 170	1 180	282	135	316	443	285	207	500	1983
1984	173	166	187	863	734	672	803	214	116	178	350	280	395	1984
MEAN	168	165	198	684	1 500	678	385	214	265	423	334	218	436	MEAN

LOCATION - LAT 50 00 15 N, LONG 82 10 00 W DRAINAGE AREA, 34 700 km^2, REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

MATTAGAMI RIVER AT LITTLE LONG RAPIDS - STATION NO. 04LG003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	---	3 540 ON MAY 1	104 ON JAN 18	18 800 000	1984
1985	---	2 730 ON MAY 18	84.4 ON MAR 31	14 100 000	1985
1986	---	2 320 ON OCT 18	99.1 ON MAR 4	15 600 000	1986
1987	---	3 340 ON MAY 4	35.7 ON SEP 4	18 200 000	1987
1988	---	2 850 ON APR 20	44.2 ON FEB 4	15 200 000	1988
1989	---	2 470 ON MAY 3	27.9 ON DEC 25	14 100 000	1989
1970	---	2 420 ON MAY 3	9.63 ON JAN 1	11 700 000	1970
1971	---	2 340 ON MAY 14	32.3 ON JUL 18	13 200 000	1971
1972	---	2 340 ON MAY 3	64.5 ON APR 8	13 300 000	1972
1973	---	2 280 ON APR 23	75.0 ON DEC 25	14 800 000	1973
1974	---	2 170 ON MAY 15	0 ON APR 14 *	14 200 000	1974
1975	---	2 010 ON MAY 4	0 ON SEP 1	10 200 000	1975
1976	---	3 710 ON APR 24	0 ON SEP 6	11 200 000	1976
1977	---	2 920 ON APR 24	43.8 ON JAN 1	11 000 000	1977
1978	---	3 430 ON MAY 15	54.4 ON DEC 25	14 800 000	1978
1979	---	5 070 ON MAY 11 *	95.1 ON JAN 1	19 700 000	1979
1980	---	2 880 ON MAY 1	46.4 ON DEC 25	10 900 000	1980
1981	---	2 800 ON MAY 7	3.98 ON SEP 8	11 800 000	1981
1982	---	2 880 ON MAY 5	45.0 ON SEP 7	13 900 000	1982
1983	---	2 830 ON MAY 27	37.9 ON SEP 5	15 800 000	1983
1984	---	1 810 ON JUN 29	48.6 ON SEP 4	12 500 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		13 800 000	MEAN

MATTAGAMI RIVER AT SMOKY FALLS - STATION NO. 04LG001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1926	---	---	---	---	---	---	---	---	---	314	378	312	---	1926
1927	182	138	198	958	1 680	588	292	218	178	546	306	188	454	1927
1928	134	108	117	313	2 850	1 280	788	438	978	1 220	773	289	762	1928
1929	177	117	137	589	1 320	886	407	237	388	529	805	194	476	1929
1930	130	127	138	248	1 780	902	882	207	148	243	208	144	412	1930
1931	117	104	110	473	1 060	388	233	124	125	298	576	320	327	1931
1932	200	188	170	284	1 260	295	337	272	424	501	487	208	384	1932
1933	158	164	136	883	1 610	506	187	182	142	132	171	88.8	347	1933
1934	83.8	118	104	118	1 820	881	239	184	414	287	434	339	401	1934
1935	143	131	147	432	1 230	848	382	318	227	538	252	141	388	1935
1936	112	108	118	183	2 230	742	218	101	118	188	175	112	388	1936
1937	83.4	106	118	418	1 350	363	435	459	231	483	435	261	398	1937
1938	128	133	178	1 180	1 540	1 120	387	480	203	143	186	154	487	1938
1939	147	132	123	210	2 250	787	444	221	320	382	283	128	452	1939
1940	135	124	118	180	1 500	852	438	172	288	233	329	201	388	1940
1941	136	138	148	832	1 380	488	288	356	882	1 070	628	502	572	1941
1942	284	171	180	927	1 280	307	198	135	422	688	403	180	435	1942
1943	128	118	114	243	1 120	834	438	210	182	135	225	130	330	1943
1944	108	120	122	285	1 280	419	184	280	438	459	254	158	328	1944
1945	128	118	271	831	847	745	387	183	204	238	384	185	385	1945
1946	140	137	288	777	1 070	878	318	158	245	182	386	301	382	1946
1947	181	138	180	188	2 210	1 680	436	226	157	111	88.5	82.7	472	1947
1948	78.0	77.6	81.8	584	1 000	287	270	368	221	184	350	266	315	1948
1949	151	151	181	808	1 380	478	207	122	154	181	171	118	323	1949
1950	108	118	118	188	2 170	1 270	648	188	148	235	320	280	483	1950
1951	187	148	173	1 430	1 210	434	384	202	185	574	636	384	488	1951
1952	183	173	173	770	1 130	738	481	288	178	202	303	329	411	1952
1953	178	188	208	892	1 840	883	332	141	382	288	237	282	480	1953
1954	172	188	177	713	1 880	828	389	232	188	408	887	219	488	1954
1955	181	147	148	930	718	358	117	82.0	72.8	318	284	151	288	1955
1956	133	127	140	233	1 800	871	400	218	338	218	141	134	371	1956
1957	124	128	144	787	1 020	480	807	141	208	228	584	278	384	1957
1958	178	188	188	588	824	884	353	207	428	435	488	218	358	1958
1959	148	138	144	287	1 330	431	138	170	224	408	388	188	334	1959
1960	158	148	188	547	2 870	823	227	288	187	208	341	228	496	1960
1961	144	122	137	838	1 340	883	782	354	881	710	471	325	585	1961
1962	187	188	180	308	1 730	883	188	334	773	251	174	178	428	1962
1963	134	130	148	411	880	708	285	184	218	---	---	---	---	1963
MEAN	145	135	151	838	1 480	887	384	231	307	382	382	233	420	MEAN

LOCATION - LAT 50 03 51 N
LONG 82 08 20 W

DRAINAGE AREA, 34 700 km^2
REGULATED

DATA CONTRIBUTED BY - SPRUCE FALLS POWER AND PAPER COMPANY

MATTAGAMI RIVER AT SMOKY FALLS - STATION NO. 04LC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1926	---	---	---	---	1926
1927	---	2 890 ON APR 22	118 B ON MAR 1	14 300 000	1927
1928	---	3 980 ON MAY 13	103 B ON FEB 16	24 100 000	1928
1929	---	2 190 ON MAY 26	102 ON DEC 29	14 900 000	1929
1930	---	2 920 ON MAY 7	81.7 ON SEP 13	13 000 000	1930
1931	---	1 600 ON MAY 11	5.46 ON SEP 5 *	10 300 000	1931
1932	---	1 850 ON MAY 11	65.4 ON AUG 21	12 200 000	1932
1933	---	2 170 ON MAY 15	49.6 ON OCT 8	11 000 000	1933
1934	---	2 860 ON MAY 12	32.6 ON AUG 25	12 700 000	1934
1935	---	1 820 ON APR 30	73.2 ON FEB 17	12 200 000	1935
1936	---	3 480 ON MAY 14	28.7 ON SEP 6	11 700 000	1936
1937	---	2 860 ON MAY 3	22.1 ON JAN 24	12 600 000	1937
1938	---	3 030 ON APR 29	44.7 ON OCT 23	15 300 000	1938
1939	---	3 880 ON MAY 10	29.4 ON AUG 19	14 300 000	1939
1940	---	1 880 ON MAY 7	45.9 ON AUG 18	12 300 000	1940
1941	---	2 720 ON MAY 6	79.9 ON FEB 2	16 000 000	1941
1942	---	2 860 ON APR 28	48.7 ON AUG 18	13 400 000	1942
1943	---	2 050 ON MAY 8	37.7 ON MAR 21	10 400 000	1943
1944	---	2 440 ON MAY 5	28.8 ON JAN 23	10 800 000	1944
1945	---	1 580 ON MAR 31	26.9 ON AUG 12	11 800 000	1945
1946	---	2 550 ON MAY 26	62.1 ON OCT 13	13 300 000	1946
1947	---	4 300 ON MAY 19 *	24.8 ON NOV 16	14 800 000	1947
1948	---	2 350 ON APR 29	24.7 ON OCT 3	9 980 000	1948
1949	---	2 480 ON MAY 4	17.0 ON AUG 28	10 290 000	1949
1950	---	3 880 ON MAY 29	48.4 ON JAN 8	15 200 000	1950
1951	---	2 520 ON MAY 1	54.8 ON AUG 19	15 400 000	1951
1952	---	2 220 ON APR 24	123 ON FEB 24	13 000 000	1952
1953	---	2 750 ON MAY 9	49.3 ON AUG 9	14 200 000	1953
1954	---	2 730 ON MAY 3	68.2 ON SEP 19	15 700 000	1954
1955	---	2 020 ON APR 20	21.2 ON AUG 14	8 110 000	1955
1956	---	2 620 ON MAY 16	65.4 ON NOV 16	11 700 000	1956
1957	---	3 570 ON APR 28	32.8 ON SEP 1	12 400 000	1957
1958	---	1 340 ON APR 21	62.1 ON AUG 10	11 300 000	1958
1959	---	2 890 ON MAY 8	35.9 ON AUG 16	10 500 000	1959
1960	---	3 940 ON MAY 18	43.8 ON SEP 4	15 700 000	1960
1961	---	2 250 ON MAY 17	77.9 ON MAR 26	17 500 000	1961
1962	---	2 590 ON MAY 5	121 ON DEC 8	13 400 000	1962
1963	---	1 630 ON JUN 23	---	---	1963
				13 300 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MATTAGAMI RIVER AT SMOOTH ROCK FALLS - STATION NO. 04LB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	382	92.4	70.0	54.9	44.9	43.4	43.4	49.8	---	1920
1921	29.8	30.4	29.3	278	356 R	80.3	94.2	74.2	83.6	121	80.5	56.5	106 R	1921
1922	49.3	48.7	47.7	*288*	*328*	*128*	*128*	*66.2*	68.7	64.7	63.0	62.3	138	1922
1923	54.1	47.3	32.0	84.7	242	109	82.1	51.1	126	55.3	56.6	46.4	82.5	1923
1924	46.3	44.8	42.8	88.3	213	114	80.2	62.1	78.9	36.2	59.5	48.4	74.6	1924
1925	34.7	36.7	40.3	186	188	270	184	84.0	45.0	67.4	68.2	49.3	101	1925
1926	34.8	42.2	48.8	82.3	288	171	241	86.6	80.9	73.3	123	103	109	1926
1927	58.1	47.9	78.4	288	380	145	83.7	62.3	62.5	128	91.4	82.0	125	1927
1928	40.1	35.7	52.1	140	763	357	226	118	310	384	221	93.2	226	1928
1929	60.3	55.5	60.2	155	394	299	126	82.6	98.9	180	138	84.3	142	1929
1930	54.4	48.3	55.5	86.1	447	272	236	84.1	80.3	83.0	74.2	61.4	133	1930
1931	49.3	42.8	39.6	156	279	111	86.7	56.1	51.9	84.5	152	101	89.4	1931
1932	73.1	58.2	82.8	109	366	88.2	121	87.0	111	186	176	74.8	127	1932
1933	58.5	51.4	51.6	238	379	143	98.1	61.2	52.9	55.2	80.4	48.8	107	1933
1934	43.5	42.2	38.3	41.4	434	155	84.8	58.4	87.8	88.2	137	110	114	1934
1935	49.3	44.6	50.6	125	238	180	101	84.2	82.1	123	87.8	48.4	86.5	1935
1936	42.8	43.3	52.4	87.2	613	187	85.4	45.1	51.5	70.3	82.2	44.4	104	1936
1937	41.7	38.1	40.9	139	261	88.5	164	105	74.8	143	132	74.0	107	1937
1938	47.2	48.9	87.4	378	373	231	107	108	81.3	85.6	72.2	55.5	137	1938
1939	48.7	44.3	44.8	88.1	520	222	122	84.4	73.8	87.6	86.3	49.8	121	1939
1940	47.3	45.5	47.0	77.0	284	235	125	80.5	84.7	77.0	101	58.6	104	1940
1941	50.0	47.6	50.9	248	287	122	80.1	130	219	287	212	164	160	1941
1942	76.2	53.3	59.6	267	261	75.5	84.5	90.7	114	137	95.2	51.0	108	1942
1943	47.2	43.2	40.5	85.0	336	254	104	89.7	61.1	58.0	75.7	46.9	93.4	1943
1944	44.4	45.7	44.0	110	244	114	89.9	102	130	108	73.6	53.2	93.4	1944
1945	46.8	44.8	101	212	229	221	112	46.0	53.4	64.0	89.6	47.0	106	1945
1946	42.9	47.7	125	174	264	174	89.1	48.9	81.4	56.4	86.8	78.2	105	1946
1947	51.3	48.7	52.0	72.4	611	466	124	86.7	49.8	43.6	38.6	32.0	138	1947
1948	28.6	30.1	31.3	186	217	78.2	78.0	58.8	40.8	51.6	67.8	81.0	78.3	1948
1949	46.3	50.1	54.3	220	300	147	75.6	47.4	43.1	42.2	42.1	37.6	82.4	1949
1950	37.0	39.5	38.8	71.8	542	288	150	87.5	51.9	88.3	103	72.7	130	1950
1951	49.7	54.8	68.8	441	216	120	83.8	59.3	56.0	230	188	113	141	1951
1952	64.5	62.4	71.1	215	243	165	131	78.4	57.2	81.3	71.4	70.4	107	1952
1953	53.5	52.4	84.7	248	355	183	86.8	65.0	126	74.4	74.6	85.2	121	1953
1954	52.2	58.7	80.6	248	319	153	83.3	62.3	56.6	234	169	85.9	131	1954
1955	56.8	55.4	53.8	231	112	82.6	45.2	42.6	37.2	77.0	84.7	44.0	76.2	1955
1956	46.1	49.0	57.6	82.3	382	189	103	84.3	86.4	51.6	49.3	47.6	100	1956
1957	49.1	53.5	1.3	236	146	127	209	49.4	59.4	58.7	165	77.9	108	1957
1958	61.2	64.0	63.5	116	95.8	83.5	76.3	51.4	80.9	120	119	61.0	83.5	1958
1959	57.4	58.5	61.2	117	238	97.8	80.3	58.9	86.0	86.4	89.2	63.1	87.1	1959
1960	55.0	59.2	61.3	201	775	172	86.7	67.3	57.4	65.5	108	67.7	149	1960
1961	55.5	55.6	58.5	137	274	239	213	109	285	132	112	90.8	147	1961
1962	60.2	63.4	67.6	140	381	87.5	45.4	85.2	129	84.4	86.9	51.1	104	1962
1963	50.8	54.3	54.7	184	239	173	82.8	52.0	62.4	54.4	85.3	68.4	93.2	1963
1964	57.3	62.1	73.1	288	329	288	95.3	52.8	74.5	141	118	88.8	136	1964
1965	65.8	69.8	74.1	115	415	85.0	59.1	73.1	188	205	105	83.7	126	1965
1966	65.2	61.1	83.1	256	270	214	58.9	66.6	58.7	197	147	148	136	1966
1967	65.4	61.1	66.4	394	473	200	95.7	90.0	65.8	80.5	89.5	70.1	160	1967
1968	68.8	60.0	68.4	306	155	212	172	58.3	69.8	78.2	62.6	59.8	118	1968
1969	64.7	61.2	75.0	246	284	167	78.9	73.6	86.1	95.3	116	80.2	120	1969
1970	68.7	64.5	71.0	122	261	215	134	85.7	72.2	71.0	71.1	65.0	109	1970
1971	60.6	60.9	66.7	163	378	126	73.1	55.5	53.5	58.6	71.3	61.5	103	1971
1972	59.0	64.5	57.8	82.7	366	210	87.5	53.2	57.5	93.0	66.7	59.8	105	1972
1973	63.2	62.3	101	235	328	148	103	86.9	116	82.8	74.1	58.8	122	1973
1974	65.5	64.3	72.3	109	385	168	111	60.0	66.4	87.3	79.3	61.1	114	1974
1975	58.3	59.0	59.4	112	253	249	59.0	35.8	42.0	41.6	70.4	50.4	91.8	1975
1976	61.8	58.1	57.8	377	328	66.8	46.5	37.7	37.8	50.0	32.8	39.9	89.5	1976
1977	48.1	60.8	70.2	285	147	70.3	61.9	33.9	78.6	59.0	83.5	57.6	85.3	1977
1978	66.9	64.4	62.7	67.1	372	223	148	58.6	70.4	151	83.7	61.4	116	1978
1979	56.8	67.9	67.0	276	613	208	70.0	58.7	84.2	125	121	85.7	151	1979
1980	62.8	59.4	54.8	182	215	88.7	89.1	49.4	61.8	76.7	55.0	54.6	87.4	1980
1981	55.3	59.2	63.3	266	247	100	80.8	34.9	44.2	60.1	83.7	59.5	85.3	1981
1982	57.4	64.6	57.6	107	210	83.8	91.9	52.9	78.3	188	118	67.4	96.8	1982
1983	60.8	65.7	63.7	88.5	504	248	51.9	39.9	66.7	90.8	80.6	80.1	117	1983
1984	66.3	70.9	65.9	223	119	180	154	59.4	50.0	53.2	77.7	67.9	88.3	1984
MEAN	53.8	53.9	61.6	181	332 R	171	101	65.5	80.7	101	93.1	66.8	114	MEAN

LOCATION - LAT 49 15 04 N
LONG 81 36 30 W

DRAINAGE AREA, 10 000 km²
REGULATED

DATA CONTRIBUTED BY - ABITIBI - PRICE INC.

R - REVISED SINCE JAN 1980

MATTAGAMI RIVER AT SMOOTH ROCK FALLS - STATION NO. 04LB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	530 ON MAY 9	---	---	1920
1921	---	725 ON APR 28	23.5 B ON FEB 14	3 330 000R	1921
1922	---	1 070 ON MAY 8	36.8 ON JUL 6	4 370 000	1922
1923	---	490 ON MAY 3	32.0 B ON MAR 1	2 600 000	1923
1924	---	294 ON APR 30	27.9 ON OCT 24	2 380 000	1924
1925	---	487 ON JUN 8	14.4 ON SEP 7	3 190 000	1925
1926	---	462 ON JUL 19	34.8 B ON JAN *	3 450 000	1926
1927	---	685 ON APR 21	41.9 ON SEP 16	3 950 000	1927
1928	---	1 130 ON MAY 12	35.4 B ON FEB 16	7 220 000	1928
1929	---	857 ON MAY 26	46.2 B ON MAR 1	4 470 000	1929
1930	---	745 ON MAY 6	48.4 ON AUG 6	4 180 000	1930
1931	---	381 ON APR 23	32.3 ON AUG 26	3 140 000	1931
1932	---	561 ON MAY 11	33.4 ON AUG 25	4 030 000	1932
1933	---	547 ON MAY 15	36.2 ON SEP 27	3 360 000	1933
1934	---	759 ON MAY 7	18.8 ON APR 1	3 890 000	1934
1935	---	490 ON MAY 1	25.5 ON JAN 28	3 040 000	1935
1936	---	875 ON MAY 15	27.6 ON DEC 26	3 300 000	1936
1937	---	677 ON MAY 2	27.5 ON APR 11	3 390 000	1937
1938	---	800 ON APR 28	31.4 ON SEP 18	4 310 000	1938
1939	---	949 ON MAY 8	28.3 ON AUG 19	3 810 000	1939
1940	---	482 ON MAY 3	34.3 ON AUG 18	3 280 000	1940
1941	---	654 ON MAY 7	38.5 ON FEB 12	5 050 000	1941
1942	---	715 ON APR 28	31.7 ON AUG 9	3 410 000	1942
1943	---	484 ON MAY 8	21.2 ON MAR 21	2 840 000	1943
1944	---	589 ON MAY 4	30.3 ON MAR 5	2 950 000	1944
1945	---	524 ON JUN 1	23.4 ON DEC 24	3 330 000	1945
1946	---	742 ON MAY 25	27.6 ON FEB 3	3 310 000	1946
1947	---	1 120 ON MAY 19	19.5 ON DEC 14	4 350 000	1947
1948	---	549 ON APR 28	18.4 ON JAN 4	2 480 000	1948
1949	---	637 ON MAY 2	20.0 ON DEC 11	2 920 000	1949
1950	---	881 ON MAY 28	19.0 ON MAR 28	4 100 000	1950
1951	---	894 ON APR 13	37.7 ON FEB 4	4 440 000	1951
1952	---	597 ON APR 23	38.5 ON AUG 31	3 370 000	1952
1953	---	564 ON MAY 5	21.0 ON NOV 1	3 810 000	1953
1954	---	597 ON APR 22	34.8 ON SEP 6	4 140 000	1954
1955	---	544 ON APR 18	20.4 ON SEP 4	2 370 000	1955
1956	---	782 ON MAY 16	33.7 ON SEP 2	3 180 000	1956
1957	---	808 ON APR 26	28.0 ON AUG 20	3 400 000	1957
1958	---	297 ON OCT 26	24.3 ON AUG 24	2 630 000	1958
1959	---	549 ON MAY 7	29.4 ON JUL 27	2 750 000	1959
1960	---	1 230 ON MAY 10 *	22.1 ON AUG 25	4 700 000	1960
1961	---	736 ON SEP 1	45.3 ON FEB 19	4 640 000	1961
1962	---	719 ON MAY 4	29.7 ON JUL 22	3 270 000	1962
1963	---	467 ON JUN 21	14.8 ON APR 5	2 940 000	1963
1964	---	813 ON APR 28	37.7 ON SEP 7	4 380 000	1964
1965	---	793 ON MAY 17	42.5 ON AUG 22	4 030 000	1965
1966	---	719 ON APR 22	37.1 ON JUL 1	4 350 000	1966
1967	---	1 010 ON MAY 3	8.21 ON OCT 18	4 750 000	1967
1968	---	820 ON APR 17	36.5 ON SEP 2	3 770 000	1968
1969	---	586 ON APR 24	43.6 ON JUL 14	3 780 000	1969
1970	---	532 ON MAY 1	50.7 ON SEP 24	3 430 000	1970
1971	---	484 ON MAY 13	21.6 ON SEP 3	3 240 000	1971
1972	---	580 ON MAY 1	34.6 ON APR 17	3 330 000	1972
1973	---	583 ON APR 22	54.1 ON JAN 2	3 840 000	1973
1974	---	569 ON MAY 3	33.7 ON MAR 31	3 590 000	1974
1975	---	428 ON JUN 2	24.9 ON OCT 33	2 890 000	1975
1976	---	1 090 ON APR 20	0 ON SEP 6 *	3 150 000	1976
1977	---	728 ON APR 22	13.3 ON FEB 20	3 690 000	1977
1978	---	804 ON MAY 14	38.3 ON AUG 7	3 670 000	1978
1979	---	1 150 ON MAY 9	46.7 ON JUL 17	4 750 000	1979
1980	---	489 ON APR 28	36.6 ON JUL 28	2 780 000	1980
1981	---	542 ON MAY 5	29.4 ON AUG 16	3 010 000	1981
1982	---	582 ON OCT 31	33.8 ON SEP 1	3 050 000	1982
1983	---	698 ON MAY 15	27.3 ON AUG 30	3 700 000	1983
1984	---	650 ON JUN 28	32.6 ON SEP 4	3 140 000	1984
				3 600 000R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

MATTAGAMI RIVER AT TIMMINS - STATION NO. 04LA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	53.8	34.7	42.8	107	133	78.3	48.7	---	1965
1966	57.8	68.7	68.1	146	138	183	43.1	41.4	36.6	82.8	89.2	103	87.8	1966
1967	84.0	77.1	77.8	235	253	148	89.8	81.9	80.4	47.9	54.8	62.1	102	1967
1968	38.8	41.1	72.7	127	93.3	153	80.1	81.8	81.0	49.2	54.8	86.8	73.0	1968
MEAN	60.2	62.3	73.8	168	182	134	86.8	84.8	83.3	77.7	86.6	66.2	87.8	MEAN

LOCATION - LAT 48 28 45 N DRAINAGE AREA, 8 140 km^2
LONG 81 21 15 W REGULATED

MATTAGAMI RIVER AT TIMMINS - STATION NO. 04LA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	314 ON APR 24	5.76 ON SEP 9 *	2 770 000	1966
1967	---	385 ON MAY 3 *	33.4 ON OCT 18	3 210 000	1967
1968	---	309 ON JUN 15	10.2 ON AUG 5	2 310 000	1968
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 760 000	MEAN

MATTAGAMI RIVER NEAR TIMMINS - STATION NO. 04LA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	99.1	92.1	51.0	41.5	40.3	29.4	54.2	---	---	1969
1970	---	---	---	55.0	92.5	113	63.7	52.5	44.3	46.2	45.0	53.1	---	1970
1971	---	---	87.7	65.3	144	87.8	41.0	46.7	27.8	35.4	34.1	44.0	---	1971
1972	---	---	85.2	56.2	123	108	58.2	39.2	42.8	41.8	40.7	58.9	---	1972
1973	84.4	89.4	78.0	83.3	158	---	---	---	---	---	51.7	54.8	---	1973
1974	85.9	75.8	75.5	81.8	176	118	56.5	46.8	43.4	38.3	50.8	56.6	72.3	1974
1975	58.5	65.6	81.3	54.6	109	163	38.3	18.3	20.4	21.7	33.8	48.7	57.7	1975
1976	72.3	73.8	68.9	185	188	87.8	30.3	22.9	26.3	33.8	28.1	39.1	85.8	1976
1977	47.8	38.4	70.3	119	126	37.3	27.7	23.1	31.2	36.7	38.8	54.6	64.4	1977
1978	67.4	60.1	54.1	36.0	110	133	68.7	46.8	53.7	76.2	57.3	57.5	68.7	1978
1979	71.8	70.7	80.2	112	295	106	63.1	38.1	41.3	32.6	61.7	84.4	80.0	1979
1980	78.3	78.3	83.0	84.5	105	82.0	41.4	38.3	38.8	37.5	38.6	49.3	57.8	1980
1981	80.2	84.7	68.8	137	106	81.0	53.4	33.6	36.6	39.6	41.5	84.8	83.6	1981
1982	90.7	88.2	84.8	84.0	77.0	47.5	45.2	39.2	37.2	88.7	66.3	57.9	57.3	1982
1983	85.4	83.1	80.0	99.2	197	182	42.3	28.6	38.3	51.8	44.5	61.7	72.5	1983
1984	85.5	83.8	48.0	82.8	86.1	82.5	99.3	62.3	43.9	42.5	48.1	84.5	80.6	1984
MEAN	82.4	85.3	83.7	81.7	136	98.1	54.7	37.9	37.4	42.1	47.3	55.4	85.5	MEAN

LOCATION - LAT 48 23 52 N DRAINAGE AREA, 5 540 km^2
LONG 81 26 45 W REGULATED

MATTAGAMI RIVER NEAR TIMMINS - STATION NO. 04LA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	193 AT 12:00 EST ON APR 28	187 ON APR 28	---	---	1969
1970	185 AT 23:05 EST ON JUN 3	183 ON JUN 4	---	---	1970
1971	250 AT 21:52 EST ON MAY 28	248 ON MAY 29	---	---	1971
1972	201 AT 15:07 EST ON MAY 5	194 ON MAY 5	25.2 ON NOV 8	---	1972
1973	287 AT 04:50 EST ON MAY 12	265 ON MAY 12	---	---	1973
1974	277 AT 10:44 EST ON MAY 3	274 ON MAY 3	32.3 ON OCT 7	2 280 000	1974
1975	251 AT 11:48 EST ON JUN 2	250 ON JUN 2	16.6 ON SEP 1	1 820 000	1975
1976	340 AT 08:48 EST ON MAY 4	337 ON MAY 3	13.5E ON SEP 5 *	2 090 000	1976
1977	---	345E ON APR 28	17.9 ON AUG 17	1 710 000	1977
1978	---	201E ON MAY 15	31.4 ON APR 22	2 170 000	1978
1979	---	386A ON MAY 8 *	18.4E ON OCT 20	2 840 000	1979
1980	143 AT 08:21 EST ON MAY 18	143 ON MAY 18	30.3 ON NOV 10	1 830 000	1980
1981	208 AT 14:15 EST ON APR 18	207 ON APR 18	27.8 ON AUG 28	2 000 000	1981
1982	217 AT 15:43 EST ON JUL 18	208 ON JUL 18	24.6 ON OCT 6	1 810 000	1982
1983	388 AT 03:47 EST ON JUN 1 *	386 ON JUN 1	22.5 ON AUG 10	2 280 000	1983
1984	189 AT 13:56 EST ON JUL 1	189 ON JUL 1	30.8 ON JUN 7	1 930 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 070 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX) E - ESTIMATED

MATTAWA RIVER BELOW BOUILLON LAKE - STATION NO. 02JE020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	---	---	---	---	7.84	---	1971
1972	6.84	6.48	6.56	35.8	50.4	7.76	6.63	18.4	10.9	9.75	14.1	10.1	15.3	1972
1973	6.63	6.63	25.1	45.8	27.2	20.0	11.1	14.7	7.60	9.35	14.2	14.4	17.2	1973
1974	7.75	7.37	13.8	49.8	31.5	17.3	6.17	8.35	4.88	10.1	27.4	11.8	16.1	1974
1975	6.62	7.28	10.1	28.8	30.1	13.5	3.68	3.35	3.66	8.23	8.28	19.6	12.3	1975
1976	7.42	8.64	18.5	50.3	28.7	8.72	7.27	2.28	3.68	8.48	8.18	8.88	12.3	1976
1977	4.28	4.09	15.1	48.8	8.54	3.12	6.80	8.44	12.5	14.5	15.6	15.2	13.3	1977
1978	6.28	8.05	4.88	31.2	30.5	5.90	3.80	5.50	12.1	18.5	12.2	10.2	12.5	1978
1979	6.80	8.68	22.0	60.8	32.6	10.8	8.58	8.72	8.64	14.8	23.8	20.8	18.4	1979
1980	11.4	8.81	13.1	65.7	16.4	15.1	13.5	12.0	29.0	30.5	21.7	13.0	20.5	1980
1981	7.80	13.8	20.7	53.3	22.5	21.7	8.13	4.88	16.1	23.5	14.2	10.8	17.8	1981
1982	7.38	8.78	7.04	53.4	17.3	8.32	4.18	1.84	8.16	12.8	16.8	28.4	14.3	1982
1983	21.3	8.81	24.0	31.3	43.4	15.5	5.16	3.11	8.31	18.4	14.4	12.4	17.1	1983
1984	8.08	19.4	19.2	48.8	19.8	21.7	18.4	8.52	8.41	11.3	32.8	17.8	19.0	1984
MEAN	8.78	7.88	15.3	46.7	27.4	12.8	7.36	7.17	10.4	16.8	17.2	14.2	15.8	MEAN

LOCATION - LAT 48 17 58 N DRAINAGE AREA, 908 km^2
LONG 78 54 26 W REGULATED

MATTAWA RIVER BELOW BOUILLON LAKE - STATION NO. 02JE020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	112 AT 09:25 EST ON MAY 4 *	112 ON MAY 4 *	1.23 ON JUN 4	483 000	1972
1973	78.4 AT 06:00 EST ON APR 5	77.6 ON APR 5	3.68 ON SEP 22	542 000	1973
1974	88.1 AT 18:40 EST ON APR 24	87.3 ON APR 24	2.29 ON SEP 8	509 000	1974
1975	75.9 AT 21:59 EST ON APR 29	75.6 ON APR 28	0.776 ON JUL 7	386 000	1975
1976	83.3 AT 22:30 EST ON APR 2	82.4 ON APR 2	0.855 ON AUG 30	389 000	1976
1977	60.3 AT 11:07 EST ON APR 22	60.0 ON APR 22	0.830 ON JUN 18	418 000	1977
1978	80.7 AT 04:38 EST ON APR 29	80.4 ON APR 29	0.714 ON AUG 15 *	395 000	1978
1979	93.1 AT 08:12 EST ON APR 28	92.5 ON APR 28	1.85 ON JUL 13	581 000	1979
1980	105 AT 22:04 EST ON APR 11	104 ON APR 12	4.91 ON MAR 16	650 000	1980
1981	104 AT 10:22 EST ON APR 6	103 ON APR 6	0.927 ON AUG 25	562 000	1981
1982	101 AT 07:48 EST ON APR 19	100 ON APR 19	0.855 ON AUG 13	451 000	1982
1983	85.5 AT 10:05 EST ON MAY 9	85.0 ON MAY 9	0.830 ON JUL 27	538 000	1983
1984	71.7 AT 02:48 EST ON APR 19	70.5 ON APR 18	1.07 ON AUG 4	502 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		500 000	MEAN

MATTAWA RIVER NEAR RUTHERGLEN - STATION NO. 02JE014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	---	62.7	17.8	8.88	3.89	6.93	5.24	5.89	7.03R	---	1962
1963	8.75R	5.93R	12.0R	66.2	46.2	27.0	9.54	12.3	6.57	4.91	12.4	12.6 R	20.3R	1963
1964	11.8 R	10.6 R	15.7R	48.4	26.7	11.7	8.10	2.87	3.37	7.38	8.82	15.5 R	14.4R	1964
1965	14.0 R	12.1 R	11.4	39.2	62.6	16.3	7.86	18.9	30.8	34.5	35.5	38.1	27.7R	1965
1966	33.4	22.3	24.1	81.6	48.7	25.4	8.14	5.85	3.27	10.9	26.2	59.6	29.2	1966
1967	27.7	23.0	18.2	93.8	46.7	23.4	16.7	7.17	6.03	22.2	46.3	31.0	30.2	1967
1968	19.0	11.4	21.5	77.6	27.2	16.2	11.4	8.53	8.49	7.48	6.50	8.12	18.6	1968
1969	8.17	6.97	10.7	74.3	63.6	36.8	17.0	10.9	10.6	20.9	43.6	24.8	29.1	1969
1970	14.8	11.6	11.7	50.4	78.1	52.7	69.3	28.2	25.3	32.7	28.0	21.7	35.2	1970
1971	14.8	10.3	13.9	78.0	65.5	19.8	8.98	5.17	5.17	7.43	---	---	---	1971
MEAN	16.8 R	12.7 R	15.8R	70.0	58.7	24.7	16.1	10.4	9.81	15.4	23.7	24.3 R	25.8	MEAN

LOCATION - LAT 46 16 07 N DRAINAGE AREA, 2 040 km^2
LONG 78 52 51 W NATURAL FLOW

R - REVISED SINCE JAN 1980

MATTAWA RIVER NEAR RUTHERGLEN - STATION NO. 02JE014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	125 AT 09:00 EST ON APR 4	125 ON APR 4	3.43 ON OCT 7	642 000R	1963
1964	88.9 AT 20:00 EST ON APR 19	88.3 ON APR 19	1.93 ON SEP 8 *	455 000R	1964
1965	159 AT 12:30 EST ON MAY 2	153 ON MAY 2	5.04 ON AUG 1	674 000R	1965
1966	181 AT 01:00 EST ON APR 23	176 ON APR 23	2.44 ON SEP 21	919 000	1966
1967	157 AT 12:45 EST ON APR 19	154 ON APR 19	3.88 ON SEP 19	963 000	1967
1968	124 AT 21:00 EST ON APR 11	124 ON APR 11	4.47 ON NOV 3	584 000	1968
1969	138 AT 08:00 EST ON APR 18	135 ON APR 18	5.41 ON SEP 5	920 000	1969
1970	259 AT 19:17 EST ON JUL 21 *	209 ON JUL 22 *	11.0 B ON MAR 1	1 190 000	1970
1971	174 AT 23:32 EST ON APR 23	172 ON APR 23	---	---	1971
				697 000R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

MCGREGOR CREEK NEAR CHATHAM - STATION NO. 02GE007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	0.202	0.250	2.41	1.38	1.04	8.18	---	1977
1978	0.359	0.420	8.85	5.95	0.917	0.334	0.108	0.085	0.084	0.123	0.188	0.459	1.48	1978
1979	0.708	0.741	5.04	11.1	1.88	0.348	0.233	0.093	0.053	0.093	1.15	4.87	2.15	1979
1980	1.82	0.334	5.87	4.37	0.686	0.758	0.836	1.63	2.03	0.570	0.294	1.57	1.72	1980
1981	0.131	7.03	1.29	2.15	0.551	3.70	1.27	6.68	0.825	8.56	1.20	1.08	2.70	1981
1982	2.44	0.692	11.1	3.47	1.07	1.28	0.708	0.696	0.213	0.148	5.86	8.70	2.80	1982
1983	0.978	1.77	1.27	3.78	3.01	2.28	3.18	2.83	0.327	0.244	3.37	8.38	2.44	1983
1984	0.280	8.51	8.87	1.85	2.02	0.481	1.88	0.287	0.310	0.204	1.83	3.38	2.12	1984
MEAN	0.931	2.50	5.70	4.67	1.50	1.31	1.05	1.54	0.787	1.17	1.84	3.81	2.20	MEAN

LOCATION - LAT 42 23 00 N DRAINAGE AREA, 202 km^2
LONG 82 05 39 W NATURAL FLOW

MCGREGOR CREEK NEAR CHATHAM - STATION NO. 02GE007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	0.076 ON SEP 10	---	1977
1978	78.2 AT 23:26 EST ON MAR 21	60.0 ON MAR 21	0.015 ON SEP 5	46 800	1978
1979	114 AT 08:02 EST ON APR 14 *	100 ON APR 14 *	0.017 ON SEP 28	67 800	1979
1980	61.3 AT 18:57 EST ON MAR 21	27.9 ON MAR 21	0.080 ON JUL 21	54 300	1980
1981	88.7 AT 00:43 EST ON AUG 9	88.7 ON AUG 9	0.0598 ON JAN 21	85 200	1981
1982	108 B AT 21:08 EST ON MAR 13	67.08 ON MAR 13	0.007 ON SEP 12 *	88 500	1982
1983	80.8 AT 18:08 EST ON JUN 28	43.7 ON DEC 12	0.071 ON JUL 28	78 800	1983
1984	---	50.08 ON FEB 14	0.041 ON SEP 9	67 000	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		69 500	MEAN

MCINTYRE RIVER AT THUNDER BAY - STATION NO. 02AB016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	0.401	0.137	0.253	3.87	5.85	1.64	2.13	0.417	0.597	0.817	0.634	0.182	1.41	1972
1973	0.188	0.157	4.09	3.43	2.76	1.98	1.43	1.09	2.32	1.62	2.98	1.04	1.93	1973
1974	0.120	0.199	0.213	7.08	6.46	2.57	0.843	1.12	1.27	1.63	1.64	0.541	1.97	1974
1975	1.11	0.468	0.386	5.37	3.01	1.01	0.232	0.059	0.142	0.259	0.239	0.084	1.03	1975
1976	0.063	0.136	0.157	10.2	1.76	1.92	0.287	0.084	0.016	0.068	0.061	0.001	1.22	1976
1977	0.002	0.001	0.731	1.64	0.702	0.830	0.327	0.948	7.26	3.47	1.62	0.533	1.49	1977
1978	0.267	0.138	0.178	3.16	3.85	2.43	0.704	0.266	0.508	0.475	0.277	0.139	1.04	1978
1979	0.128	0.063	0.183	5.17	8.17	1.45	0.243	0.183	0.911	0.668	1.05	0.278	1.38	1979
1980	0.138	0.089	0.058	3.55	1.37	0.384	0.330	0.276	2.76	1.55	0.928	0.442	0.987	1980
1981	0.198	0.234	0.527	5.80	2.28	2.89	0.385	0.078	0.129	0.525	0.320	0.145	1.10	1981
1982	0.088	0.072	0.086	3.85	4.67	1.58	3.00	1.29	0.838	4.50	3.09	0.548	1.97	1982
1983	0.162	0.132	0.451	3.30	2.16	2.01	1.06	0.318	0.389	1.80	1.47	0.725	1.17	1983
1984	0.385	0.320	0.280	4.49	3.29	2.82	0.783	0.385	0.330	1.09	0.891	1.55	1.39	1984
MEAN	0.248	0.165	0.583	4.88	3.41	1.78	0.903	0.498	1.35	1.42	1.18	0.477	1.39	MEAN

LOCATION - LAT 48 25 07 N DRAINAGE AREA, 145 km^2
LONG 89 15 55 W REGULATED

MCINTYRE RIVER AT THUNDER BAY - STATION NO. 02AB016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	19.5 ON MAY 1	0.0578 ON FEB 19	44 700	1972
1973	---	22.4 ON NOV 21	0.0578 ON FEB 10	51 000	1973
1974	---	35.1 ON MAY 11	0.068 ON JUL 13	62 200	1974
1975	---	12.3 ON APR 25	0 ON AUG 5 *	32 400	1975
1976	---	58.9 ON APR 15 *	0 B ON DEC 3	38 500	1976
1977	---	34.0 ON SEP 25	0 B ON JAN 5	46 900	1977
1978	---	12.4 ON APR 26	0.074 ON AUG 13	32 900	1978
1979	---	22.2 ON MAY 11	0.0488 ON FEB 15	43 400	1979
1980	12.2 AT 21:32 EST ON APR 20	11.1 ON APR 23	0.028 ON JUN 27	31 200	1980
1981	11.0 AT 08:27 EST ON JUN 3	10.4 ON APR 11	0.025 ON AUG 29	34 800	1981
1982	23.5 AT 17:30 EST ON NOV 21 *	18.4 ON NOV 21	0.0688 ON FEB 15	62 100	1982
1983	15.0 AT 02:04 EST ON APR 26	11.3 ON APR 26	0.103 ON SEP 8	36 600	1983
1984	11.0 AT 20:15 EST ON DEC 16	9.36 ON MAY 9	0.136 ON SEP 1	43 800	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		43 800	MEAN

MCKENZIE CREEK NEAR CALEDONIA - STATION NO. 02GB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	1.81	2.84	1.60	0.851	0.285	0.383	0.223	0.236	0.486	0.855	---	1961
1962	0.945	0.880	3.76	1.31	0.356	0.305	0.085	0.247	0.131	0.686	1.44	1.13	0.836	1962
1963	0.241	0.077	5.01	1.86	0.881	0.271	0.083	0.280	0.142	0.248	0.237	0.232	0.821	1963
1964	0.533	0.344	3.08	2.20	1.19	0.172	0.269	0.428	0.115	0.268	0.251	0.778	0.808	1964
1965	1.08	5.14	4.08	5.01	0.544	0.137	0.193	0.218	0.352	0.819	1.09	2.10	1.70	1965
1966	0.780	3.31	4.85	1.75	1.23	0.512	0.148	0.117	0.130	0.266	0.729	2.67	1.37	1966
1967	1.52	0.596	2.71	3.67	1.46	0.388	0.505	0.197	0.105	0.378	0.735	1.72	1.17	1967
1968	0.674	4.45	2.80	1.21	0.954	1.89	0.893	0.287	0.669	0.430	2.16	2.01	1.80	1968
1969	3.67	2.84	2.84	5.27	3.47	0.798	0.280	0.110	0.137	0.243	0.870	0.488	1.78	1969
1970	0.497	0.585	2.38	3.25	0.909	0.281	0.340	0.147	0.241	0.437	1.22	2.38	1.06	1970
1971	0.808	1.51	7.10	2.13	0.541	0.523	0.158	0.218	0.293	0.299	0.237	0.723	1.20	1971
1972	1.61	0.451	6.85	5.58	2.85	0.718	0.405	1.09	0.241	0.395	1.62	2.84	2.05	1972
1973	2.18	1.72	9.84	2.59	1.64	0.884	0.430	0.187	0.118	0.336	3.45	3.48	2.24	1973
1974	8.15	3.33	4.37	3.01	4.57	0.772	0.406	0.213	0.236	0.332	0.741	0.787	2.07	1974
1975	1.18	2.41	4.99	2.48	0.821	0.850	0.186	0.270	1.45	0.853	1.00	2.15	1.58	1975
1976	1.47	7.89	7.55	3.93	3.39	0.528	1.18	0.487	0.391	0.502	0.505	0.442	2.34	1976
1977	0.201	0.529	8.01	2.84	0.617	0.320	0.789	0.445	3.88	2.24	1.53	7.54	2.26	1977
1978	1.43	0.656	8.38	5.78	2.19	0.423	0.240	0.227	0.579	0.746	1.04	1.38	1.83	1978
1979	0.710	0.578	8.05	8.60	1.37	0.469	0.280	0.477	0.373	0.855	1.58	4.20	2.13	1979
1980	1.35	0.534	4.54	5.56	1.58	0.644	0.366	0.384	0.458	0.857	0.863	1.18	1.50	1980
1981	0.313	8.21	1.31	1.86	1.11	0.665	0.550	1.30	1.74	1.91	1.55	0.807	1.58	1981
1982	0.823	0.460	8.23	4.99	0.578	2.10	0.312	0.306	0.394	0.528	2.10	4.87	2.26	1982
1983	1.50	2.77	3.18	3.18	3.84	0.813	0.557	3.42	0.395	0.667	1.43	5.17	2.23	1983
1984	1.36	6.59	4.41	4.82	2.47	3.37	0.446	0.333	1.29	0.528	1.23	2.38	2.41	1984
MEAN	1.35	2.34	4.97	3.54	1.87	0.781	0.380	0.490	0.578	0.805	1.15	2.18	1.88	MEAN

LOCATION - LAT 43 02 03 N DRAINAGE AREA, 171 km²
LONG 79 57 00 W REGULATED

MCKENZIE CREEK NEAR CALEDONIA - STATION NO. 02GB010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	8.47B ON MAR 18	0.008 ON JUL 15	28 800	1962
1963	---	18.2 ON MAR 18	0.014 ON JUL 8	25 900	1963
1964	---	7.82 ON MAR 27	0.008 ON OCT 1	25 500	1964
1965	---	28.8 ON FEB 12	0.078 ON JUN 4	53 800	1965
1966	---	15.6 B ON FEB 14	0.017 ON SEP 9	43 400	1966
1967	---	16.3 ON APR 4	0.011 ON SEP 12	36 900	1967
1968	---	24.9 ON FEB 4	0.093 ON JUL 31	47 300	1968
1969	25.7 AT 08:30 EST ON APR 20	25.5 B ON FEB 1	0.040 ON SEP 12	56 100	1969
1970	11.8 AT 16:17 EST ON APR 3	10.8 ON APR 4	0 ON AUG 21 *	33 400	1970
1971	---	25.5 B ON MAR 1	0.001 ON JUL 23	37 700	1971
1972	---	19.5 B ON MAR 17	0.082 ON JUL 29	65 000	1972
1973	20.1 AT 04:55 EST ON MAR 15	19.3 ON MAR 15	0.088 ON SEP 13	70 800	1973
1974	20.6 AT 21:38 EST ON JAN 28	20.0 ON JAN 28	0.088 ON AUG 21	85 400	1974
1975	18.4 AT 11:38 EST ON MAR 21	14.8 ON MAR 21	0.122 ON JUL 9	48 100	1975
1976	32.6 AT 07:07 EST ON MAR 7	30.0 ON MAR 7	0.110 ON SEP 8	74 100	1976
1977	21.3 AT 20:38 EST ON DEC 17	20.5 ON DEC 17	0.142 ON SEP 12	71 100	1977
1978	43.3 AT 10:58 EST ON MAR 23 *	41.1 ON MAR 23 *	0.158A ON SEP 7	80 800	1978
1979	---	26.0 B ON MAR 5	0.180 ON JUL 30	87 100	1979
1980	25.5 AT 18:00 EST ON MAR 21	23.6 ON MAR 22	0.197 ON JUL 21	47 400	1980
1981	22.1 AT 00:01 EST ON FEB 20	21.2 ON FEB 20	0.270B ON JAN 10	48 800	1981
1982	---	26.0 B ON MAR 18	0.176 ON SEP 7	71 100	1982
1983	14.8 AT 20:43 EST ON AUG 4	12.7 ON DEC 7	0.178 ON JUL 19	70 300	1983
1984	23.7 AT 21:38 EST ON FEB 15	21.7 ON FEB 15	0.182 ON JUL 29	75 100	1984
				53 400	MEAN

A - MANUAL GAUGE B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
(SEE REFERENCE INDEX)

MEDWAY RIVER AT LONDON - STATION NO. 02GD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	5.38	1.46	---	---	1945
1946	---	---	10.8	0.543	0.374	0.389	0.220	0.201	0.182	0.230	0.215	---	---	1946
1947	---	---	8.81	15.6	3.65	6.33	1.07	0.565	0.580	0.682	0.737	1.83	---	1947
1948	---	---	10.3	2.50	4.33	0.158	0.207	0.105	0.028	0.087	0.637	0.477	---	1948
1949	3.27	7.18	4.01	0.898	0.179	0.088	0.092	0.084	0.092	0.700	0.413	7.37	2.01	1949
1950	6.26	1.77	6.87	5.35	0.384	0.150	0.233	0.392	0.181	0.265	2.47	3.86	2.45	1950
1951	5.43	6.04	5.86	5.08	0.743	0.427	0.371	0.187	0.185	0.243	2.11	1.70	2.34	1951
1952	3.94	3.61	5.42	4.55	3.08	0.378	0.270	0.266	0.234	0.255	0.317	0.524	1.80	1952
1953	0.888	1.63	5.81	3.94	3.20	2.04	0.199	0.250	0.181	0.029	0.345	0.571	1.59	1953
1954	1.13	10.4	8.23	8.29	1.11	0.126	0.032	0.034	0.047	3.59	2.32	3.11	2.98	1954
1955	3.44	2.30	9.07	2.81	0.228	0.017	0.036	0.011	0.014	0.209	0.606	1.75	1.71	1955
1956	1.06	2.18	11.1	5.86	6.35	0.698	0.706	---	---	---	---	---	---	1956
1957	---	---	3.17	3.47	---	---	---	---	---	---	---	---	---	1957
1958	---	---	7.86	1.08	---	---	---	---	---	---	---	---	---	1958
1959	---	---	11.8	4.90	---	---	---	---	---	---	---	---	---	1959
1960	---	---	3.68	---	---	---	---	---	---	---	---	---	---	1960
1961	---	---	2.86	3.37	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	2.41	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	2.17	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	2.88	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	6.63	---	---	---	---	---	---	---	---	---	1965
1966	---	---	3.83	1.65	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	7.07	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	1.18	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	4.42	---	---	---	---	---	---	---	---	---	1969
1970	---	---	4.80	4.58	---	---	---	---	0.135	0.227	3.44	5.27	---	1970
1971	1.22	1.58	9.29	4.71	0.576	0.142	0.134	0.314	0.166	0.125	0.187	1.04	1.63	1971
1972	1.64	0.832	8.78	5.71	3.17	0.535	0.545	0.330	0.280	0.795	2.86	4.49	2.33	1972
1973	8.47	2.25	10.7	2.66	2.18	0.627	0.243	0.168	0.089	0.161	2.51	2.62	2.49	1973
1974	6.42	3.01	8.73	4.20	4.88	0.738	0.393	0.166	0.168	0.187	0.515	0.339	2.31	1974
1975	3.86	4.26	7.16	5.66	0.883	0.795	0.212	0.250	0.253	0.174	0.200	1.35	2.18	1975
1976	1.55	13.2	12.1	3.36	3.11	0.400	1.88	0.822	1.20	0.757	2.92	0.812	3.47	1976
1977	0.401	0.649	17.8	4.89	0.702	0.425	0.534	0.368	2.86	3.26	4.06	8.02	3.89	1977
1978	1.21	0.736	5.85	18.6	1.86	0.605	0.178	0.147	0.258	0.330	0.594	1.62	2.59	1978
1979	2.71	1.37	12.8	8.23	1.35	0.455	0.294	0.252	0.210	0.312	4.54	5.82	3.27	1979
1980	1.81	0.344	7.87	5.63	0.911	0.513	1.06	0.308	0.226	0.517	0.337	1.78	1.78	1980
1981	0.205	11.1	2.79	3.33	1.53	0.788	0.276	0.208	2.08	4.88	2.64	1.59	2.55	1981
1982	1.32	0.499	12.6	8.80	1.24	0.895	0.304	0.338	0.670	0.578	5.72	8.59	3.34	1982
1983	1.86	3.59	2.00	4.00	5.49	1.94	0.580	0.813	0.254	0.208	1.07	4.43	2.18	1983
1984	0.863	10.8	5.71	2.84	1.84	3.51	1.20	0.640	3.28	0.802	2.69	4.53	3.11	1984
MEAN	2.54	4.04	7.88	4.75	2.13	0.938	0.443	0.305	0.554	0.847	1.77	3.04	2.47	MEAN

LOCATION - LAT 43 00 50 N DRAINAGE AREA, 200 km²
LONG 81 16 39 W NATURAL FLOW

MEDWAY RIVER AT LONDON - STATION NO. 02GD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1945	---	---	---	---	1945
1946	---	41.6 ON MAR 4	---	---	1946
1947	---	107 ON APR 5 *	---	---	1947
1948	---	66.8 ON MAR 20	0.028 ON JUN 26	---	1948
1949	---	54.9 ON DEC 22	0.067 ON AUG 18	63 200	1949
1950	---	62.9 ON APR 4	0.085 ON SEP 29	77 200	1950
1951	---	78.78 ON JAN 4	0.142 ON AUG 26	73 700	1951
1952	---	45.0 ON MAY 25	0.142 ON JUN 28	60 100	1952
1953	---	21.4 ON MAR 16	0 ON OCT 1 *	50 100	1953
1954	---	86.0 ON FEB 16	0 ON AUG 3	84 000	1954
1955	---	39.1 ON MAR 11	0 ON JUN 11	54 000	1955
1956	---	42.2 ON MAR 7	---	---	1956
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	43.8 AT 06:42 EST ON MAR 15	37.1 ON MAR 15	0 ON JUN 27	51 300	1971
1972	80.1 AT 03:00 EST ON MAY 15	32.88 ON MAR 22	0.058E ON SEP 10	73 700	1972
1973	57.2 AT 02:08 EST ON MAR 12	36.2 ON MAR 12	0.022 ON SEP 3	78 400	1973
1974	88.0 AT 10:41 EST ON MAR 5	47.0 ON MAR 5	0.042 ON SEP 15	73 000	1974
1975	81.3 AT 12:35 EST ON APR 15	48.4 ON APR 15	0.071 ON NOV 15	85 100	1975
1976	118 AT 22:40 EST ON MAR 5	69.1 ON MAR 5	0.161 ON SEP 8	110 000	1976
1977	148 AT 02:59 EST ON MAR 13 *	104 ON MAR 13	0.082 ON SEP 4	116 000	1977
1978	94.6 AT 23:07 EST ON APR 1	64.0 ON APR 2	0.022 ON SEP 7	81 700	1978
1979	112 AT 06:54 EST ON APR 14	81.1 ON APR 14	0.044 ON AUG 28	103 000	1979
1980	81.6 AT 20:52 EST ON MAR 21	53.6 ON MAR 21	0.037 ON AUG 29	58 400	1980
1981	81.1 AT 21:22 EST ON FEB 23	60.6 ON FEB 23	0.037 ON AUG 25	80 400	1981
1982	116 AT 08:50 EST ON MAR 31	76.6 ON MAR 31	0.042 ON AUG 18	105 000	1982
1983	89.0 AT 15:41 EST ON MAY 3	28.2 ON MAY 3	0.068 ON OCT 20	68 700	1983
1984	103 AT 18:09 EST ON FEB 14	85.0 ON FEB 14	0.178 ON AUG 25	84 300	1984
				78 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

MICHELL CREEK BELOW CLAREMONT - STATION NO. 02HC045

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	0.142	0.050	0.058	0.071	0.116	0.098	---	1974
1975	0.180	0.483	0.389	0.420	0.131	0.078	0.041	0.046	0.058	0.058	0.100	0.137	0.172	1975
1976	0.078	0.298	0.863	0.262	0.210	0.078	0.178	0.074	0.135	0.121	0.103	0.077	0.208	1976
1977	0.056	0.057	0.885	0.242	0.071	0.089	0.057	0.085	0.316	0.267	0.413	0.365	0.231	1977
1978	0.280	0.118	0.270	1.06	0.381	0.068	0.048	0.073	0.087	0.118	0.148	0.131	0.230	1978
1979	0.287	0.305	1.50	0.397	0.184	0.077	0.051	0.061	0.070	0.145	0.288	0.369	0.312	1979
1980	0.115	0.048	0.808	0.679	0.115	0.102	0.178	0.079	0.107	0.120	0.148	0.267	0.231	1980
1981	0.088	0.705	0.158	0.151	0.135	0.089	0.060	0.237	0.171	0.273	0.230	0.121	0.188	1981
1982	0.108	0.081	0.622	0.827	---	---	---	---	---	---	---	---	---	1982
MEAN	0.144	0.262	0.862	0.480	0.177	0.084	0.088	0.088	0.128	0.148	0.191	0.198	0.226	MEAN

LOCATION - LAT 43 57 40 N DRAINAGE AREA, 25.9 km²
LONG 79 07 41 W NATURAL FLOW

MICHELL CREEK BELOW CLAREMONT - STATION NO. 02HC045

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	14.8 AT 19:12 EST ON FEB 24	7.02 ON FEB 24	0.025 ON AUG 10 *	5 440	1975
1976	8.83 AT 02:31 EST ON MAR 21	6.14 ON MAR 21	0.034 ON AUG 23	6 520	1976
1977	11.6 AT 04:51 EST ON MAR 13	5.86 ON MAR 13	0.027 ON JUL 28	7 280	1977
1978	11.8 AT 12:57 EST ON MAY 14	5.52 ON APR 7	0.037 ON JUL 18	7 270	1978
1979	8.64 AT 04:42 EST ON MAR 14	5.18 ON MAR 5	0.037 ON JUL 23	8 840	1979
1980	---	7.508 ON MAR 21	0.0308 ON MAR 7	7 300	1980
1981	8.14 AT 20:34 EST ON AUG 4	4.608 ON FEB 20	0.039 ON JUL 17	6 250	1981
1982	15.8 AT 14:55 EST ON MAR 31 *	7.62 ON MAR 31 *	---	---	1982
				7 130	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MICHIPICOTEN RIVER AT HIGH FALLS - STATION NO. 02BD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	44.0	17.8	19.7	16.2	15.4	---	1920
1921	21.4	17.9	22.8	108	115	67.5	35.3	26.5	19.2	18.2	17.2	---	---	1921
1922	---	---	---	80.7	283	81.4	45.5	34.0	17.7	16.0	16.0	---	---	1922
1923	---	---	---	---	124	47.7	27.4	---	---	---	67.8R	47.4R	---	1923
1924	32.6R	27.0R	27.0R	34.1R	88.8	75.8	53.1	43.8	38.5	20.4	27.5	28.4	40.1R	1924
1925	---	28.0R	31.3R	81.0R	148	124	80.8	78.7	28.0	24.6	36.6R	34.5R	---	1925
1926	29.5R	22.6R	---	20.8R	90.1	102	182	88.2	114	94.3	89.6R	77.9R	---	1926
1927	46.5R	38.4R	42.7R	123 R	178	126	88.7	49.6	30.1	61.7	74.9R	57.6R	78.7R	1927
1928	42.2R	33.5R	30.2R	80.8R	240	218	209	100	126	208	154 R	77.6R	127 R	1928
1929	43.3R	32.1R	31.6R	89.8R	133 R	111 R	89.1R	37.4R	28.6R	39.7R	---	---	---	1929
1930	---	---	---	---	185 R	189 R	175 R	---	24.2R	23.5R	---	---	---	1930
1931	---	---	---	---	174 R	86.1R	32.8R	18.1R	19.0R	46.9R	---	---	---	1931
1932	---	---	---	---	178 R	82.6R	74.2R	58.7R	21.7R	35.3	88.6	47.2R	---	1932
1933	44.6R	45.8R	35.0R	123 R	---	116 R	34.7R	27.6R	16.6R	24.6	33.3R	24.3R	---	1933
1934	26.2R	23.9R	26.6R	63.7R	248	81.2	51.0	33.6	55.3	49.3	71.6	88.1	85.2R	1934
1935	61.5	50.4	47.2	91.6	190	125	109	75.2	37.3	50.2	64.0	48.0R	78.4R	1935
1936	45.8R	42.9R	43.6	81.8	275	112	63.2	65.5	44.6	31.9	35.8	31.2R	71.4R	1936
1937	26.5R	26.8R	26.8R	70.7	142	86.5	59.4	58.7	58.5	67.6	72.2	68.4	81.2R	1937
1938	48.6	38.4	37.5	178	188	182	72.6	44.1	31.9	33.5	36.0	33.6	78.1	1938
1939	40.0	40.9	40.5	72.9	337	157	89.7	29.8	36.6	50.6	40.4	43.2	82.6	1939
1940	44.7	34.5	31.8	39.7	180	184	74.1	35.6	30.5	31.7	41.7	36.2	80.6	1940
1941	42.6	41.3	40.0	148	180	87.6	31.6	26.6	40.5	152	120	101	81.2	1941
1942	73.9	45.7	45.7	138	183	71.6	32.2	33.6	46.0	72.6	145	86.7	81.1	1942
1943	86.5	80.6	46.6	83.6	167	180	78.3	36.3	31.6	32.1	33.0	27.6	86.9	1943
1944	24.6	30.3	34.1	72.1	177	86.4	36.3	32.2	33.0	55.6	44.3	39.4	66.6	1944
1945	37.5	29.0	54.2	171	87.3	110	87.0	34.9	30.0	28.6	106	74.7	68.3	1945
1946	68.3	46.3	69.4	118	147	128	84.3	34.6	27.6	38.3	66.3	77.6	74.0	1946
1947	80.2	51.4	49.6	74.2	323	342	85.4	49.1	44.6	41.6	27.6	22.4	88.6	1947
1948	27.4	30.4	26.6	112	101	34.9	33.7	38.1	29.6	25.1	40.1	45.6	45.4	1948
1949	40.9	44.1	42.4	115	281	80.4	43.4	31.1	32.6	36.9	48.1	25.6	86.4	1949
1950	38.9	35.4	35.1	42.7	270	193	116	45.1	35.0	35.0	51.2	66.2	81.0	1950
1951	84.0	67.2	62.4	184	178	81.0	66.3	66.6	65.6	74.3	103	77.6	83.6	1951
1952	84.7	68.6	68.9	101	46.3	102	87.7	68.9	60.9	66.7	68.3	48.4	71.2	1952
1953	67.4	67.6	66.6	74.6	224	111	66.6	44.3	42.6	36.6	36.6	40.4	70.6	1953
1954	40.6	60.6	46.3	76.6	152	71.6	61.6	46.6	46.1	44.6	44.3	62.9	60.6	1954
1955	61.4	60.6	37.0	66.2	60.0	47.4	46.7	40.1	36.3	46.6	43.6	40.6	46.7	1955
1956	60.9	60.4	47.1	40.2	101	67.4	67.9	63.6	61.4	66.2	61.3	60.0	60.6	1956
1957	62.1	60.6	63.0	129	129	48.3	47.3	67.7	60.3	62.3	69.6	46.6	66.6	1957
1958	62.9	64.6	46.9	73.2	66.7	46.6	46.6	37.1	62.1	66.6	63.6	66.2	62.7	1958
1959	66.7	62.7	66.0	66.3	116	46.4	46.3	47.2	60.3	149	122	66.7	77.0	1959
1960	66.7	61.6	62.6	114	377	114	47.7	47.0	39.2	34.7	36.1	40.6	66.6	1960
1961	63.0	67.1	62.9	60.0	76.0	66.6	66.4	46.0	66.6	63.6	64.6	71.4	67.7	1961
1962	66.6	66.4	71.6	74.6	104	66.0	46.0	46.4	62.6	66.4	66.7	63.7	66.6	1962
1963	66.6	71.2	60.6	72.6	66.6	76.6	72.6	64.6	66.6	63.6	43.6	66.6	66.3	1963
1964	66.4	66.4	67.6	70.6	62.6	66.2	67.6	67.2	66.2	62.6	61.6	71.6	66.3	1964
1965	74.6	63.0	67.2	66.4	63.0	66.4	64.3	66.2	66.6	104	63.6	63.6	62.7	1965
1966	72.6	72.0	70.6	76.2	126	108	63.6	64.6	62.6	66.2	67.1	62.4	76.3	1966
1967	70.6	61.6	63.7	108	176	63.4	73.6	70.2	66.6	74.6	66.4	66.6	66.6	1967
1968	66.6	63.7	64.6	72.0	61.6	66.4	60.2	64.6	70.4	67.6	62.3	66.4	73.7	1968
1969	66.3	66.6	66.3	66.1	106	60.0	70.3	20.1	16.6R	40.1	66.0	61.1	66.7R	1969
1970	70.2	76.6	67.3	74.4	76.6	62.7	61.6	62.2	66.6	66.6	66.3	63.6	74.3	1970
1971	66.6	67.6	63.6	104	121	126	67.6	66.2	66.3	66.6	67.6	67.6	77.6	1971
1972	66.7	70.4	76.4	66.2	61.6	66.1	72.0	107	106	104	97.2	66.3	64.0	1972
1973	76.3	72.7	63.0	112	161	77.6	77.4	77.6	77.0	70.6	71.0	66.1	66.6	1973
1974	66.2	60.3	66.6	60.3	71.3	73.6	73.2	72.1	73.6	76.6	66.6	66.0	74.6	1974
1975	61.1	66.0	66.4	63.6	96.3	66.6	66.1	47.6	64.6	42.6	16.6	37.6	63.3	1975
1976	63.4	72.1	67.3	61.6	121	66.4	63.1	61.6	42.6	32.6	26.6	29.0	60.6	1976
1977	16.1	27.6	41.1	66.6	61.2	60.7	66.1	66.6	46.6	41.3	66.6	63.1	60.6	1977
1978	60.6	76.6	76.4	60.6	66.2	46.6	66.1	62.6	77.2	60.6	76.3	72.2	70.6	1978
1979	71.2	62.6	76.7	66.7	266	230	66.6	71.2	66.3	76.7	67.0	70.6	102	1979
1980	76.0	64.4	66.2	66.0	66.6	46.2	61.3	66.6	62.6	77.0	66.4	70.4	67.0	1980
1981	63.2	64.1	60.0	60.0	66.3	66.6	72.2	71.1	64.1	46.6	36.4	62.3	66.2	1981
1982	66.3	67.4	64.7	66.1	62.1	66.6	66.6	73.0	66.1	66.4	63.6	66.2	66.6	1982
1983	66.6	62.2	66.6	61.1	62.6	166	67.3	66.3	66.0	76.6	71.4	73.6	63.6	1983
1984	76.2	76.2	77.2	70.6	76.6	73.0	60.2	66.7	66.6	60.4	72.2	71.0	70.2	1984
MEAN	66.2R	64.6R	66.1R	66.6R	146 R	66.6R	66.4R	64.1R	60.4R	67.6R	63.6R	67.6R	72.0	MEAN

LOCATION - LAT 47 54 05 N
LONG 84 42 36 W

DRAINAGE AREA, 6 130 km²
REGULATED SINCE 1929

DATA CONTRIBUTED BY - GREAT LAKES POWER COMPANY LIMITED

R - REVISED SINCE JAN 1980

MICHIPICOTEN RIVER AT HIGH FALLS - STATION NO. 02BD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	148 ON APR 27	18.4 ON FEB 7	---	1921
1922	---	388 ON MAY 8	---	---	1922
1923	---	202 ON MAY 8	---	---	1923
1924	---	97.4 ON JUN 3	17.0 ON OCT 23	1 270 000R	1924
1925	---	---	---	---	1925
1926	---	---	---	---	1926
1927	---	231 ON APR 23	24.8 ON SEP 27	2 420 000R	1927
1928	---	323 ON MAY 11	29.7 RB ON MAR 11	4 010 000R	1928
1929	---	157 R ON MAY 27	---	---	1929
1930	---	232 R ON MAY 8	---	---	1930
1931	---	212 R ON APR 24	---	---	1931
1932	---	---	---	---	1932
1933	---	---	---	---	1933
1934	---	430 ON MAY 7	11.9 ON SEP 3	2 060 000R	1934
1935	---	253 ON MAY 16	21.0 ON SEP 22	2 600 000R	1935
1936	---	430 ON MAY 16	24.1 R ON DEC 28	2 280 000R	1936
1937	---	286 ON MAY 3	22.4 RB ON JAN 8	1 930 000R	1937
1938	---	470 ON APR 30	17.1 ON OCT 28	2 480 000	1938
1939	---	888 ON MAY 10 *	22.4 ON AUG 14	2 610 000	1939
1940	---	222 ON MAY 22	21.0 ON AUG 26	1 920 000	1940
1941	---	268 ON APR 21	17.1 ON SEP 1	2 560 000	1941
1942	---	231 ON APR 26	19.0 ON AUG 9	2 560 000	1942
1943	---	268 ON MAY 8	25.2 ON SEP 4	2 110 000	1943
1944	---	323 ON MAY 5	22.9 ON JAN 8	1 780 000	1944
1945	---	222 ON APR 13	22.9 ON MAR 3	2 180 000	1945
1946	---	227 ON MAY 29	25.5 ON SEP 2	2 330 000	1946
1947	---	595 ON JUN 16	19.8 ON NOV 30	3 110 000	1947
1948	---	345 ON APR 26	18.1 ON JAN 2	1 430 000	1948
1949	---	515 ON MAY 6	23.5 ON JUL 23	2 030 000	1949
1950	---	411 ON MAY 23	27.8 ON JAN 1	2 580 000	1950
1951	---	268 ON MAY 5	40.3 ON SEP 22	2 640 000	1951
1952	---	198 ON APR 23	37.9 ON DEC 18	2 250 000	1952
1953	---	320 ON MAY 6	11.2 ON SEP 4	2 240 000	1953
1954	---	255 ON MAY 2	22.2 ON NOV 7	1 910 000	1954
1955	---	198 ON APR 25	13.0 ON JUL 1	1 540 000	1955
1956	---	198 ON MAY 16	20.5 ON APR 6	1 910 000	1956
1957	---	488 ON APR 27	4.38 ON SEP 2	2 100 000	1957
1958	---	105 ON APR 23	19.3 ON AUG 16	1 680 000	1958
1959	---	283 ON OCT 26	27.4 ON MAY 21	2 430 000	1959
1960	---	458 ON MAY 14	20.6 ON OCT 30	2 730 000	1960
1961	---	169 ON JUN 5	14.4 ON AUG 6	2 140 000	1961
1962	215 AT 08:00 EST ON JUN 18	164 ON MAY 4	22.4 ON DEC 25	2 080 000	1962
1963	130 AT 21:00 EST ON JUN 20	112 ON JUN 21	10.4 ON NOV 17	2 080 000	1963
1964	117 AT 21:45 EST ON NOV 14	116 ON NOV 15	15.9 ON JUL 1	2 190 000	1964
1965	259 AT 13:45 EST ON OCT 12	144 ON OCT 8	36.5 ON JUL 1	2 610 000	1965
1966	306 AT 14:00 EST ON MAY 23	294 ON MAY 23	26.1 ON OCT 31	2 370 000	1966
1967	253 AT 08:30 EST ON MAY 4	243 ON MAY 5	24.4 ON DEC 25	2 700 000	1967
1968	235 AT 08:45 EST ON AUG 19	211 E ON JUL 21	16.5 ON MAR 24	2 330 000	1968
1969	150 AT 08:50 EST ON JAN 27	125 ON MAY 5	3.03 ON SEP 1	2 170 000R	1969
1970	181 AT 21:35 EST ON JUN 1	117 ON MAY 1	25.7 ON FEB 1	2 240 000	1970
1971	230 AT 02:54 EST ON JUN 5	223 E ON MAY 31	17.0 ON OCT 31	2 480 000	1971
1972	221 AT 15:23 EST ON JAN 3	206 ON AUG 26	15.6 ON MAY 26	2 680 000	1972
1973	384 AT 15:21 EST ON MAY 11 *	337 ON MAY 12	22.4 ON DEC 25	2 610 000	1973
1974	180 AT 14:22 EST ON JUN 27	167 ON MAY 3	13.6 ON JAN 1	2 360 000	1974
1975	175 AT 19:06 EST ON MAY 6	170 ON MAY 5	12.6 ON NOV 26	1 880 000	1975
1976	185E AT 15:00 EST ON MAY 6	181 ON MAY 7	0.161 ON DEC 25 *	1 920 000	1976
1977	157 AT 14:20 EST ON APR 19	113 ON APR 22	0.880 ON JAN 11	1 600 000	1977
1978	---	91.5 ON APR 7	24.3 ON JUL 1	2 230 000	1978
1979	---	428 ON MAY 21	15.6 ON DEC 25	3 230 000	1979
1980	---	108 ON APR 28	12.8 ON SEP 1	2 120 000	1980
1981	---	163 ON MAY 6	10.1 ON NOV 17	1 870 000	1981
1982	---	123 ON MAY 3	14.8 ON MAR 22	2 170 000	1982
1983	---	248 ON JUN 4	21.6 ON SEP 5	2 646 000	1983
1984	---	131 ON MAY 1	19.5 ON JUL 2	2 230 000	1984
				2 270 000R	MEAN

E - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

MIDDLE MAITLAND RIVER ABOVE ETHEL - STATION NO. 02FE013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	---	8.89	7.83	---	1983
1984	1.58	26.3	12.4	6.43	1.55	2.77	0.311	0.141	0.807	0.408	7.01	14.1	6.08	1984
MEAN	1.58	26.3	12.4	6.43	1.55	2.77	0.311	0.141	0.807	0.408	8.85	10.9	6.08	MEAN

LOCATION - LAT 43 43 05 N DRAINAGE AREA, 415 km^2
LONG 81 07 25 W NATURAL FLOW

REMARKS - GAUGE OPERATIONAL OCT 26 1983

MIDDLE MAITLAND RIVER ABOVE ETHEL - STATION NO. 02FE013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	32.98 AT 21:26 EST ON DEC 13	---	---	---	1983
1984	88.0 AT 15:17 EST ON DEC 30 *	84.7 ON DEC 30 *	0.045 ON AUG 18 *	192 000	1984
				192 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MIDDLE MAITLAND RIVER NEAR BELGRAVE - STATION NO. 02FE008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	19.7	21.4	19.5	---	1967
1968	6.81	27.1	24.9	9.08	2.71	1.30	0.725	3.66	2.83	7.06	13.5	15.7	9.35	1968
1969	14.0	16.1	23.6	38.5	15.9	1.92	0.814	0.574	0.277	0.546	4.62	3.03	9.89	1969
1970	2.26	3.33	8.99	35.9	5.43	1.24	1.24	0.844	0.867	1.63	4.80	10.4	8.18	1970
1971	4.26	4.35	16.6	39.3	2.30	2.42	0.746	0.400	0.293	0.304	0.412	4.73	6.32	1971
1972	6.30	3.39	12.7	46.6	3.26	2.84	2.71	0.483	0.319	2.80	5.79	13.2	8.17	1972
1973	22.8	7.88	34.0	9.11	8.85	2.08	0.547	0.382	0.203	0.276	3.37	5.61	7.84	1973
1974	17.7	8.82	24.9	26.9	20.7	1.82	0.447	0.232	0.211	0.286	2.26	1.44	8.72	1974
1975	8.18	8.59	23.8	40.0	3.89	2.21	0.641	18.0	10.2	2.43	5.97	17.4	11.9	1975
1976	6.52	23.3	61.8	14.8	9.94	0.909	1.57	0.583	0.986	1.35	4.30	3.48	10.8	1976
1977	2.26	2.18	51.9	8.54	1.06	0.481	0.393	2.51	5.83	10.8	10.1	10.6	8.58	1977
1978	4.85	2.98	10.0	61.7	5.02	1.78	0.418	0.301	2.82	4.43	4.02	4.88	7.85	1978
1979	6.55	2.67	47.5	33.5	4.98	0.982	0.543	0.384	0.259	2.05	14.7	22.0	11.4	1979
1980	4.35	1.51	27.3	23.4	4.70	1.46	0.523	0.380	0.588	2.08	2.34	8.35	6.44	1980
1981	2.17	36.9	10.1	7.08	6.85	1.55	0.498	0.459	3.38	13.0	5.86	5.46	7.86	1981
1982	3.08	1.46	24.6	45.8	1.94	6.29	1.24	1.50	2.06	1.76	18.7	28.4	11.4	1982
1983	5.95	9.11	8.05	10.0	15.5	4.00	0.721	0.741	4.80	5.22	8.57	12.8	7.09	1983
1984	3.93	43.9	18.8	10.5	2.63	4.61	0.883	0.452	1.71	1.01	10.4	17.5	9.50	1984
MEAN	7.08	12.0	25.2	28.3	5.78	2.21	0.848	1.82	2.19	3.75	7.90	11.4	8.80	MEAN

LOCATION - LAT 43 48 48 N DRAINAGE AREA, 848 km^2
LONG 81 18 25 W NATURAL FLOW

MIDDLE MAITLAND RIVER NEAR BELGRAVE - STATION NO. 02FE008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	145 AT 02:30 EST ON FEB 4	134 ON FEB 4	0.283 ON JUL 29	297 000	1968
1969	184 AT 03:30 EST ON APR 6	147 ON APR 6	0.238 ON SEP 8	315 000	1969
1970	194 AT 21:08 EST ON APR 10	145 ON APR 10	0.354 ON AUG 17	195 000	1970
1971	---	118 A ON APR 10	0.241 ON SEP 18	189 000	1971
1972	159 AT 22:23 EST ON APR 14	149 ON APR 14	0.275 ON SEP 13	258 000	1972
1973	89.8 AT 01:50 EST ON MAR 13	87.2 ON JAN 1	0.161 ON OCT 8	250 000	1973
1974	142 AT 20:44 EST ON MAR 8	138 ON MAY 18	0.181 ON SEP 11	276 000	1974
1975	261 AT 05:01 EST ON APR 20	237 ON APR 20	0.283E ON JUL 8	376 000	1975
1976	265 AT 01:24 EST ON MAR 22	230 ON MAR 22	0.371 ON AUG 11	341 000	1976
1977	306 AT 00:40 EST ON MAR 15 *	282 ON MAR 15 *	0.195 ON JUL 28	283 000	1977
1978	159 AT 03:21 EST ON APR 6	152 ON APR 6	0.238 ON AUG 14	243 000	1978
1979	186 AT 03:03 EST ON APR 15	173 ON APR 15	0.189 ON SEP 28	359 000	1979
1980	138 AT 02:45 EST ON MAR 23	125 B ON MAR 23	0.217 ON AUG 27	204 000	1980
1981	220 AT 16:41 EST ON FEB 23	200 ON FEB 23	0.203 ON AUG 27	242 000	1981
1982	228 AT 03:06 EST ON APR 2	208 ON APR 2	0.425 ON AUG 22	361 000	1982
1983	54.8 AT 05:47 EST ON DEC 14	49.8 ON DEC 14	0.322 ON AUG 29	224 000	1983
1984	128 AT 11:00 EST ON FEB 20	125 ON FEB 20	0.180 ON AUG 21 *	300 000	1984
				278 000	MEAN

A - MANUAL GAUGE B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
(SEE REFERENCE INDEX) E - ESTIMATED

MIDDLE MAITLAND RIVER NEAR LISTOWEL - STATION NO. 02FE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	4.02	1.35	2.63	1.08	0.353	0.142	0.088	0.021	0.074	0.174	---	1953
1954	0.170	2.71	4.74	2.84	0.401	0.105	0.038	0.028	0.085	3.18	0.924	0.847	1.31	1954
1955	1.28	0.484	4.18	2.38	0.604	0.178	0.056	0.052	0.048	0.078	0.780	1.02	0.831	1955
1956	0.384	0.187	2.14	5.35	3.15	0.318	1.28	0.888	0.894	0.246	0.267	1.36	1.37	1956
1957	1.59	1.78	2.01	1.84	0.445	0.978	0.705	0.038	1.30	0.267	1.34	2.62	1.22	1957
1958	0.284	0.089	1.80	0.854	0.062	0.021	0.033	0.051	0.122	0.048	0.243	0.262	0.288	1958
1959	1.06	1.11	2.18	5.85	1.53	0.092	0.129	0.178	0.187	0.741	2.37	1.29	1.37	1959
1960	0.830	1.11	1.38	8.02	1.85	0.267	0.022	0.018	0.018	0.015	0.078	0.030	0.871	1960
1961	0.014	0.477	1.44	0.889	0.827	0.282	0.885	0.107	0.093	0.033	0.458	1.11	0.526	1961
1962	0.381	0.171	3.26	1.48	0.148	0.104	0.086	0.037	0.035	0.042	0.139	0.264	0.512	1962
1963	0.105	0.078	2.86	1.17	0.708	0.142	0.037	0.033	0.032	0.052	0.102	0.051	0.462	1963
1964	0.489	0.268	2.42	1.68	0.371	0.050	0.024	0.338	0.078	0.136	0.108	0.910	0.575	1964
1965	0.380	2.72	1.18	3.51	0.821	0.053	0.087	0.337	0.223	2.80	1.77	2.88	1.36	1965
1966	0.825	1.08	2.51	1.24	0.483	0.882	0.053	0.032	0.080	0.045	0.447	2.13	0.789	1966
1967	1.58	0.487	2.47	2.85	0.417	1.33	0.893	0.102	0.201	1.43	2.37	2.00	1.34	1967
1968	0.374	2.71	2.98	1.01	0.378	0.080	0.071	0.875	0.488	1.18	1.82	1.32	1.08	1968
1969	1.24	1.08	2.49	4.61	1.86	0.188	0.059	0.055	0.108	0.077	0.421	0.239	1.00	1969
1970	0.128	0.187	0.477	4.70	0.480	0.114	0.198	0.039	0.041	0.100	0.304	0.788	0.823	1970
1971	0.273	0.285	1.35	5.07	0.224	0.108	0.055	0.043	0.042	0.043	0.057	0.306	0.650	1971
1972	0.382	0.167	0.908	6.43	0.328	0.134	0.158	0.049	0.053	0.283	0.548	1.46	0.904	1972
1973	2.20	0.772	4.18	0.868	0.808	0.207	0.087	0.031	0.048	0.047	0.431	0.729	0.889	1973
1974	2.04	0.731	3.05	3.28	2.84	0.159	0.043	0.028	0.022	0.030	0.180	0.092	1.02	1974
1975	0.730	0.725	1.98	4.27	0.413	0.174	0.048	1.34	1.08	0.567	0.813	2.00	1.18	1975
1976	0.587	2.26	8.52	1.86	1.08	0.158	0.420	0.070	0.175	0.332	0.880	0.315	1.20	1976
1977	0.144	0.124	5.26	0.822	0.107	0.088	0.078	0.435	1.08	1.52	1.38	1.42	1.08	1977
1978	0.484	0.248	1.22	5.69	0.847	0.273	0.050	0.033	0.302	0.325	0.389	0.571	0.848	1978
1979	1.52	0.133	5.94	4.05	0.509	0.088	0.085	0.034	0.042	0.121	1.48	2.38	1.37	1979
1980	0.718	0.121	3.08	2.23	0.338	0.108	0.058	0.033	0.048	0.289	0.297	1.05	0.889	1980
1981	0.161	3.89	0.910	0.581	0.427	0.084	0.034	0.072	0.312	1.53	0.861	0.587	0.771	1981
1982	0.228	0.078	2.75	3.48	0.181	1.13	0.128	0.200	0.223	0.215	2.76	3.25	1.22	1982
1983	0.596	0.856	1.08	1.10	1.85	0.363	0.037	0.045	0.338	0.516	0.890	1.07	0.725	1983
1984	0.285	4.61	2.10	1.03	0.226	0.271	0.059	0.037	0.072	0.085	0.773	2.07	0.843	1984
MEAN	0.684	1.03	2.65	2.81	0.826	0.301	0.182	0.177	0.240	0.504	0.802	1.14	0.842	MEAN

LOCATION - LAT 43 43 38 N DRAINAGE AREA, 77.7 km²
LONG 80 56 20 W REGULATED

MIDDLE MAITLAND RIVER NEAR LISTOWEL - STATION NO. 02FE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1953	---	13.8 ON MAY 26	0 ON OCT 10 *	---	1953
1954	---	34.5 ON MAR 1	0.028E ON JUL 1	41 400	1954
1955	---	22.9 ON MAR 11	0.028 ON MAY 21	28 400	1955
1956	---	31.1 ON APR 4	0.057 ON AUG 19	43 200	1956
1957	---	16.6 ON FEB 26	0.014 ON AUG 18	36 400	1957
1958	---	5.28 ON MAR 27	0 ON MAY 30	8 100	1958
1959	---	22.9 ON APR 3	0.028 ON JUN 14	43 200	1959
1960	33.7 R AT 17:30 EST ON APR 3	26.3 ON APR 3	0.003 ON OCT 8	30 700	1960
1961	---	5.32 ON DEC 5	0.008 ON JUL 18	18 800	1961
1962	---	25.0 ON MAR 28	0.008 ON NOV 5	18 100	1962
1963	---	17.1 ON MAR 26	0 ON JUN 25	14 200	1963
1964	---	11.7 ON APR 7	0.006 ON AUG 1	18 200	1964
1965	---	21.7 ON FEB 10	0.011 ON JUN 28	43 000	1965
1966	26.1 AT 05:00 EST ON DEC 7	21.7 ON DEC 7	0.014 ON JUL 24	25 200	1966
1967	32.8 AT 01:30 EST ON APR 3	17.2 ON APR 3	0.031 ON SEP 5	42 200	1967
1968	43.6 AT 12:05 EST ON FEB 2	33.1 ON FEB 2	0.014 ON JUN 12	34 300	1968
1969	34.5 AT 02:45 EST ON APR 5	26.0 ON APR 5	0.018 ON JUL 21	31 700	1969
1970	33.1 AT 18:17 EST ON APR 8	31.5 ON APR 8	0.008 ON AUG 18	19 700	1970
1971	28.8 AT 21:06 EST ON APR 8	18.5 ON APR 8	0.011 ON JUL 4	20 600	1971
1972	48.4 AT 20:13 EST ON APR 14	32.0 ON APR 14	0.021 ON JUN 19	28 600	1972
1973	28.2 AT 16:58 EST ON MAR 11	12.3 ON MAR 12	0.005 ON JUL 22	26 100	1973
1974	45.6 AT 01:57 EST ON MAY 17	37.0 ON MAY 17	0.005A ON SEP 23	32 200	1974
1975	78.0 AT 04:55 EST ON APR 18 *	47.6 ON APR 18	0.013 ON AUG 23	37 200	1975
1976	88.1 AT 03:07 EST ON MAR 21	42.2 ON MAR 21	0.019 ON AUG 8	36 100	1976
1977	62.8 AT 09:00 EST ON MAR 13	55.6 ON MAR 13 *	0.008 ON JUL 24	33 300	1977
1978	29.7 AT 15:12 EST ON APR 11	22.8 ON APR 11	0.007 ON AUG 5	26 700	1978
1979	56.7 AT 02:38 EST ON APR 14	41.6 ON APR 14	0.011 ON AUG 28	43 200	1979
1980	56.0 AT 12:55 EST ON MAR 21	32.5 ON MAR 21	0.015 ON SEP 7	22 100	1980
1981	34.5 AT 15:06 EST ON FEB 23	24.1 ON FEB 23	0.018 ON JUL 23	24 300	1981
1982	58.6 AT 18:34 EST ON MAR 31	38.7 ON MAR 31	0.031 ON SEP 15	38 600	1982
1983	8.37 AT 15:44 EST ON MAY 2	8.13 ON MAY 2	0.008 ON AUG 8	22 800	1983
1984	28.9 AT 18:24 EST ON DEC 29	20.9 B ON FEB 14	0.015 ON AUG 28	28 600	1984
				29 700	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980

MIDDLE SEVERN RIVER AT WASHAGO - STATION NO. 02EC013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	1.14	1.12	1.17	1.30	1.48	1.47	1.72	1.52	1.36	1.23	1.18	1.19	1.32	1983
1984	1.20	1.24	1.31	2.22	2.68	2.81	2.65	2.38	3.53	4.21	5.53	1.74	2.64	1984
1985	1.63	2.83	4.08	4.79	6.26	4.80	3.77	3.01	2.36	1.88	1.98	4.85	3.53	1985
1986	6.85	9.57	8.97	4.61	5.23	8.77	5.83	3.78	2.49	1.50	1.04	1.20	5.05	1986
1987	1.21	4.36	13.4	2.12	3.25	15.0	31.2	19.5	8.79	8.43	10.2	25.1	12.0	1987
1988	28.3	21.3	7.81	5.87	7.40	7.76	5.56	3.70	3.11	3.16	3.78	5.11	8.38	1988
1989	14.6	20.4	8.75	8.10	28.8	17.0	10.6	8.49	8.53	5.87	5.97	5.35	11.6	1989
1970	5.38	5.43	5.57	6.32	8.33	5.81	5.54	2.93	1.60	1.08	3.84	12.6	5.22	1970
1971	2.66	1.58	1.37	1.08	1.26	1.30	2.68	2.08	2.57	3.98	3.55	1.85	2.16	1971
1972	2.67	4.68	23.1	10.7	9.81	5.80	5.05	3.62	7.32	6.27	5.30	16.5	8.44	1972
1973	16.5 R	13.6 R	5.58	21.5 R	14.2	10.5	10.6	9.24	8.88	5.83	5.85	9.52	10.8 R	1973
1974	9.23	8.74	10.3	8.89	24.5	10.7	5.58	3.80	2.54	1.82	1.74	1.52	7.51	1974
1975	0.538	0.563	18.8	13.5	18.8	3.73	2.88	4.86	4.28	3.87	3.35	0.319	6.32	1975
1976	7.82	17.7	16.7 R	2.11	2.01	2.40R	8.40	9.06	13.1	14.4	13.8	13.5	9.88R	1976
1977	13.5	13.0	8.27	3.88	3.38	3.12	3.35	4.18	18.5	19.4	19.8	9.56	9.56	1977
1978	20.3	20.1	18.2	19.3	17.0	9.75	3.10	2.42	14.0	13.0	4.88	2.68	12.0	1978
1979	3.71	17.8	14.0	9.18	18.5	4.81R	3.85	3.21	2.04	3.16	1.45	4.54	7.15R	1979
1980	14.0	2.27	5.23	23.0	11.5	5.30	7.18	18.2	8.65	1.23	1.22	2.51	8.38	1980
1981	15.9	18.0	13.6	5.16	6.32	6.11	5.08	4.38	3.90	2.85	2.55	2.74	7.22	1981
1982	6.34	17.3	18.7	9.43	3.85	12.5	10.8	6.82	4.13	2.05	1.95	6.04	8.26	1982
1983	18.4	20.1	6.89	10.7	15.1	4.42	3.62	2.88	1.87	1.20	1.08	1.50	7.25	1983
1984	5.95	13.8	15.8	5.12	2.30	5.36	4.93	3.77	3.40	1.76	2.08	1.09	5.41	1984
MEAN	8.98 R	10.7 R	10.3 R	8.18R	9.60	8.80R	8.55	5.59	4.94	4.90	4.81	8.43	7.29	MEAN

LOCATION - LAT 44 44 55 N
LONG 79 19 57 W REGULATED

R - REVISED SINCE JAN 1980

REMARKS - DATA FOR 1983-82 REVISED IN OCT 1983

MIDDLE SEVERN RIVER AT WASHAGO - STATION NO. 02EC013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	1.84 ON JUL 3	1.10 ON FEB 1	41 800	1983
1984	---	7.59 ON SEP 20	1.19 ON JAN 1	83 500	1984
1985	---	7.93 ON DEC 29	1.42 ON OCT 4	111 000	1985
1986	---	10.1 ON JUN 15	0.985 ON NOV 18	159 000	1986
1987	---	40.5 E ON JUL 2 *	0.987 ON JAN 21	377 000	1987
1988	---	30.8 ON JAN 3	2.21 ON MAR 20	285 000	1988
1989	---	32.8 ON MAY 15	3.45 ON APR 11	371 000	1989
1970	---	18.5 ON NOV 25	0.510 ON NOV 13	184 000	1970
1971	---	11.5 E ON JAN 1	0.419 ON MAR 23	88 100	1971
1972	---	27.2 ON MAY 15	1.05 ON APR 14	267 000	1972
1973	---	30.8 R ON APR 11	1.25 ON MAR 17	341 000R	1973
1974	---	31.1 ON MAY 15	1.16 ON DEC 4	237 000	1974
1975	---	25.8 E ON MAY 15	0.142E ON DEC 3 *	189 000	1975
1976	---	20.5 ON MAR 24	0.142E ON JAN 1	315 000R	1976
1977	---	21.1 ON SEP 30	2.68 ON JUL 28	302 000	1977
1978	---	29.4 ON MAY 17	0.640 ON AUG 23	377 000	1978
1979	---	28.8 ON MAY 7	0.520 ON NOV 13	225 000R	1979
1980	---	32.5 ON APR 28	0.525 ON DEC 3	285 000	1980
1981	---	27.2 ON MAR 3	2.02 ON NOV 20	228 000	1981
1982	---	31.1 ON JUN 22	1.02 ON NOV 1	261 000	1982
1983	---	24.4 ON MAY 14	0.441 ON NOV 3	228 000	1983
1984	---	18.5 ON APR 2	0.585 ON DEC 7	171 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		230 000R	MEAN

E - ESTIMATED R - REVISED SINCE JAN 1980

MIDDLE THAMES RIVER AT THAMESFORD - STATION NO. 02GD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	8.85	3.38	---	---	---	---	---	---	---	---	---	1938
1939	---	---	---	14.5	---	---	---	---	---	---	---	---	---	1939
1940	---	---	---	18.6	4.15	---	---	---	---	---	---	---	---	1940
1941	---	---	---	5.29	1.08	---	---	---	---	---	---	---	---	1941
1942	---	---	13.1	3.82	---	---	---	---	---	---	---	---	---	1942
1943	---	---	19.0	7.24	---	---	---	---	---	---	---	---	---	1943
1944	---	---	---	8.26	---	---	---	---	---	---	---	---	---	1944
1945	---	---	---	8.21	---	---	---	---	---	7.51	3.88	3.39	---	1945
1946	---	---	14.0	2.62	3.17	2.61	0.857	0.750	0.611	0.542	1.22	---	---	1946
1947	---	---	13.1	20.4	7.89	8.98	1.57	0.800	0.658	0.657	0.571	0.924	---	1947
1948	---	---	18.7	2.92	5.92	0.877	0.970	0.747	0.488	0.785	1.25	1.17	---	1948
1949	5.85	13.1	6.83	2.29	1.11	0.601	0.817	0.478	0.609	1.24	0.959	11.7	3.75	1949
1950	12.7	2.94	13.9	9.25	0.939	0.655	1.19	1.40	1.09	1.07	3.06	6.93	4.61	1950
1951	8.51	8.56	15.6	11.3	1.70	0.903	0.550	0.486	0.613	0.655	3.48	2.03	4.50	1951
1952	8.03	6.43	9.15	8.18	1.59	0.329	0.278	0.684	0.732	0.635	1.07	2.01	3.08	1952
1953	1.78	3.12	10.8	2.83	4.01	5.09	0.256	0.581	0.200	0.889	0.858	1.04	2.80	1953
1954	1.54	13.3	15.1	11.5	0.953	0.201	0.419	0.091	0.187	7.88	1.54	3.42	4.81	1954
1955	4.19	3.00	15.8	5.20	1.41	1.27	0.388	0.424	0.832	1.87	3.13	6.48	3.85	1955
1956	2.38	2.78	17.1	9.39	11.4	1.03	3.92	8.25	4.31	1.84	2.42	8.89	5.00	1956
1957	4.12	5.46	7.13	8.10	3.21	2.34	2.56	0.500	1.33	1.20	4.92	9.38	4.18	1957
1958	1.60	1.27	8.87	2.83	0.747	0.535	0.512	0.211	0.887	0.488	1.24	0.949	1.68	1958
1959	1.98	2.41	12.3	10.5	2.87	1.28	0.784	0.688	0.870	3.40	5.36	8.20	3.87	1959
1960	1.38	2.95	4.72	21.0	5.62	3.20	1.11	0.755	0.481	0.545	0.812	0.533	3.67	1960
1961	0.148	4.17	4.57	4.77	3.08	0.719	0.821	0.686	0.624	0.386	1.42	2.18	1.84	1961
1962	0.882	1.19	14.5	3.98	1.78	1.05	0.358	0.421	0.258	0.685	1.52	1.77	2.37	1962
1963	0.785	0.414	12.8	2.95	2.38	0.648	0.288	0.309	0.287	0.248	0.371	0.188	1.84	1963
1964	0.717	0.470	4.84	4.97	1.44	0.427	0.302	2.69	0.693	0.478	0.585	3.63	1.78	1964
1965	3.38	10.3	8.04	13.6	1.89	0.327	0.340	0.145	0.284	0.850	2.11	8.25	3.81	1965
1966	2.14	4.51	7.85	4.70	2.86	1.47	0.295	0.434	0.321	0.474	3.08	9.87	3.13	1966
1967	5.08	2.85	10.3	10.2	3.24	2.44	1.18	1.97	0.873	3.88	8.10	8.33	4.71	1967
1968	3.09	12.8	9.06	3.25	1.89	1.83	0.887	0.395	0.844	1.35	3.49	3.53	3.47	1968
1969	7.31	4.05	9.70	9.06	4.87	1.33	0.998	0.384	0.259	0.542	1.51	1.32	3.38	1969
1970	1.21	1.59	5.42	8.12	1.93	0.615	0.851	0.283	0.280	0.882	2.07	3.21	2.17	1970
1971	1.58	3.44	10.2	8.73	1.38	0.731	0.319	0.321	0.338	0.384	0.489	1.18	2.48	1971
1972	1.83	1.01	8.66	11.6	3.44	1.61	1.61	0.976	0.571	1.88	3.83	5.20	3.62	1972
1973	7.10	3.98	18.1	5.22	3.19	1.19	0.520	0.392	0.384	0.805	3.07	3.20	4.01	1973
1974	8.94	4.75	10.5	8.84	8.90	1.85	0.893	0.472	0.441	0.508	1.88	1.04	3.72	1974
1975	4.58	6.81	10.5	8.93	1.91	1.80	0.859	0.975	1.26	0.805	1.40	3.47	3.58	1975
1976	2.75	14.0	17.8	4.93	4.28	1.02	2.21	3.95	1.27	2.01	3.12	1.48	4.87	1976
1977	1.02	1.74	22.3	7.21	1.48	0.984	0.885	1.13	4.50	5.11	4.88	9.23	5.04	1977
1978	2.30	1.82	7.49	21.5	3.05	1.21	0.528	0.382	1.13	1.04	1.15	2.24	3.84	1978
1979	2.84	1.78	16.1	13.3	2.88	1.01	0.518	0.805	0.531	0.809	5.13	7.74	4.45	1979
1980	3.87	1.58	9.74	9.18	2.79	1.31	1.82	0.545	0.613	1.08	0.928	2.87	2.88	1980
1981	0.778	14.4	3.72	4.88	2.32	1.53	0.792	0.772	3.16	5.23	3.21	2.13	3.60	1981
1982	2.08	0.885	15.4	13.8	2.36	2.82	0.818	0.967	2.00	1.10	8.80	11.5	5.17	1982
1983	3.07	5.18	4.06	5.88	8.85	3.02	1.85	3.91	1.07	1.34	3.48	7.45	4.18	1983
1984	1.45	18.3	8.33	6.05	2.55	5.10	2.83	0.852	2.51	0.903	2.88	5.88	4.70	1984
MEAN	3.36	5.20	11.3	8.37	3.17	1.71	0.980	1.04	0.980	1.58	2.48	4.27	3.83	MEAN

LOCATION - LAT 43 03 32 N DRAINAGE AREA, 306 km²
LONG 80 59 18 W REGULATED

MIDDLE THAMES RIVER AT THAMESFORD - STATION NO. 02GD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	1938
1939	---	---	---	---	1939
1940	---	---	---	---	1940
1941	---	---	---	---	1941
1942	---	---	---	---	1942
1943	---	---	---	---	1943
1944	---	---	---	---	1944
1945	---	---	---	---	1945
1946	---	---	---	---	1946
1947	---	81.4 ON MAR 7	---	---	1947
1948	115 R ON MAR 16	135 ON APR 5	0.142 ON SEP 25	---	1948
1949	---	109 ON MAR 15	0.170 ON MAY 6	---	1949
1950	115 R AT 10:00 EST ON APR 4	92.38 ON FEB 15	0.198 ON SEP 5	118 000	1950
1951	---	95.7 ON APR 4	0.170 ON OCT 1	145 000	1951
1952	---	73.6 ON JAN 4	0.227 ON OCT 30	142 000	1952
1953	93.4R AT 12:00 EST ON MAR 4	50.7 ON APR 12	0 ON OCT 1 *	97 400	1953
1954	138 R AT 18:00 EST ON FEB 18	57.8 ON MAR 4	0 ON JUL 1	81 900	1954
1955	---	112 ON FEB 18	0 ON MAY 28	146 000	1955
1956	141 R AT 08:00 EST ON MAR 7	53.4 ON MAR 11	0 ON JUL 1	115 000	1956
1957	66.8 ON DEC 21	114 ON MAR 7	0.170 ON JUN 18	190 000	1957
1958	18.3 AT 02:00 EST ON MAR 24	55.2 ON DEC 21	0.028 ON SEP 8	132 000	1958
1959	48.0 AT 16:00 EST ON APR 2	16.7 ON MAR 24	0.028 ON JUL 27	46 700	1959
1960	78.6 AT 08:00 EST ON MAR 31	45.3 ON APR 2	0.057 ON AUG 9	125 000	1960
1961	---	75.7 ON MAR 31	0.085 ON OCT 18	113 000	1961
1962	41.6R AT 05:00 EST ON MAR 13	17.5R ON FEB 25	0.006 ON OCT 22	61 300	1962
1963	81.6 AT 21:30 EST ON MAR 25	30.0R ON MAR 26	0 ON AUG 6	74 800	1963
1964	34.0 AT 16:00 EST ON DEC 25	60.3 ON MAR 25	0.079 ON JUL 14	58 000	1964
1965	184 AT 21:00 EST ON FEB 10	28.2 ON DEC 25	0.057 ON JUL 12	56 200	1965
1966	86.7 AT 20:00 EST ON DEC 7	84.1 ON FEB 10	0 ON AUG 15	123 000	1966
1967	84.7 AT 09:30 EST ON APR 3	69.7 ON DEC 7	0.023 ON SEP 10	84 800	1967
1968	182 AT 13:30 EST ON FEB 2 *	84.0 ON APR 3	0.365 ON SEP 16	148 000	1968
1969	92.9 AT 22:30 EST ON JAN 30	154 ON FEB 2 *	0.276 ON AUG 10	110 000	1969
1970	30.0 AT 18:36 EST ON APR 2	63.7 ON JAN 31	0 ON AUG 30	107 000	1970
1971	71.9 AT 11:40 EST ON APR 2	25.7 ON APR 3	0.155 ON AUG 28	68 500	1971
1972	83.1R AT 17:02 EST ON MAR 22	51.2 ON APR 2	0.144 ON AUG 8	78 800	1972
1973	89.8 AT 23:51 EST ON MAR 11	46.3R ON MAR 22	0.406 ON SEP 23	114 000	1973
1974	---	59.2 ON MAR 12	0.241A ON SEP 12	127 000	1974
1975	86.9 AT 21:00 EST ON FEB 24	77.0A ON MAR 5	0.311A ON AUG 22	117 000	1975
1976	175 AT 20:21 EST ON MAR 5	60.3 ON FEB 24	0.374 ON AUG 2	112 000	1976
1977	176 AT 08:13 EST ON MAR 13	81.6 ON MAR 6	0.650 ON SEP 8	154 000	1977
1978	104 AT 22:36 EST ON APR 1	144 ON MAR 13	0.413 ON JUL 28	159 000	1978
1979	160 AT 09:15 EST ON APR 14	71.6 ON APR 2	0.287 ON SEP 2	115 000	1979
1980	78.3 AT 23:11 EST ON MAR 17	116 ON APR 14	0.415 ON JUL 23	140 000	1980
1981	86.6 AT 21:00 EST ON FEB 23	48.0 ON MAR 21	0.349 ON AUG 28	84 100	1981
1982	137 AT 05:43 EST ON MAR 31	93.9 ON FEB 20	0.430 ON AUG 25	110 000	1982
1983	84.0 AT 01:14 EST ON MAY 3	130 ON MAR 31	0.471 ON AUG 18	163 000	1983
1984	142 AT 10:56 EST ON FEB 14	86.4 ON MAY 3	0.491 ON JUL 27	132 000	1984
		115 ON FEB 14	0.480 ON AUG 27	149 000	
				115 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

MILL CREEK NEAR RED WING - STATION NO. 02FB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	0.314	0.700	0.978	---	---	---	1915
MEAN	---	---	---	---	---	---	---	0.314	0.700	0.978	---	---	---	MEAN

LOCATION - LAT 44 27 00 N LONG 80 26 30 W
DRAINAGE AREA, 127 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

MILLHAVEN CREEK NEAR MILLHAVEN - STATION NO. 02HM006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	0.430	0.184	0.783	0.381	---	---	---	1968
1969	---	---	---	---	2.66	1.46	0.631	0.731	0.234	0.296	1.52	---	---	1969
1970	---	---	---	---	---	---	0.307	0.152	0.181	0.415	1.58	1.55	---	1970
1971	0.884	0.776	3.84	8.57	2.01	0.861	0.338	0.297	0.160	0.181	0.266	1.67	1.61	1971
1972	1.08	0.833	1.85	11.5	3.16	2.30	1.30	0.670	0.312	1.54	3.37	4.43	2.70	1972
1973	4.89	3.67	8.47	5.22	2.23	0.993	0.232	0.145	0.158	0.236	1.13	2.72	2.31	1973
1974	7.08	3.06	4.08	8.81	2.84	0.807	0.378	0.189	0.109	0.098	0.478	1.56	2.29	1974
1975	2.65	1.80	8.72	5.25	1.46	1.16	0.205	0.084	0.207	0.142	0.856	2.26	1.78	1975
1976	1.45	4.85	12.8	5.02	1.87	1.45	0.604	0.256	0.181	0.438	0.869	0.813	2.56	1976
1977	0.351	0.631	8.13	2.81	0.816	0.298	0.184	0.266	0.462	2.56	2.46	3.21	1.84	1977
1978	4.20	2.77	5.18	8.33	1.43	0.585	0.095	0.044	0.143	0.187	1.12	2.30	2.20	1978
1979	2.69	3.34	7.45	4.95	1.39	1.05	0.243	0.189	1.10	2.30	2.65	3.83	2.94	1979
1980	2.10	0.733	5.13	4.64	3.11	0.408	0.220	0.780	1.62	1.73	2.37	3.92	2.22	1980
1981	0.740	3.02	2.88	1.01	0.873	0.634	0.428	0.650	5.62	2.61	2.92	1.23	2.36	1981
1982	1.36	0.843	3.80	7.80	0.562	2.42	0.356	0.093	0.619	1.37	2.06	3.33	2.04	1982
1983	2.17	3.26	3.33	3.46	3.64	0.230	0.072	0.151	0.154	0.641	2.65	4.59	1.93	1983
1984	1.21	5.71	2.87	8.03	1.28	0.855	0.285	0.822	1.46	0.750	0.918	1.44	1.93	1984
MEAN	2.31	2.64	5.21	5.81	1.93	1.01	0.370	0.334	0.810	0.937	1.89	2.58	2.18	MEAN

LOCATION - LAT 44 13 26 N LONG 78 46 30 W
DRAINAGE AREA, 150 km^2
REGULATED

MILLHAVEN CREEK NEAR MILLHAVEN - STATION NO. 02HM005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	15.2 AT 20:30 EST ON APR 7	15.1 ON APR 10	0.054 ON NOV 4	60 900	1971
1972	---	25.5E ON APR 14	0.215 ON SEP 22	85 500	1972
1973	13.3 AT 04:48 EST ON APR 5	12.2 ON APR 5	0.076 ON SEP 12	72 900	1973
1974	---	15.5 ON APR 5	0.074 ON OCT 15	72 100	1974
1975	---	15.38 ON MAR 20	0.023 ON JUL 15 *	56 500	1975
1976	---	18.48 ON MAR 22	0.127 ON SEP 8	79 100	1976
1977	20.3 AT 13:10 EST ON MAR 13 *	15.9 ON MAR 15	0.119 ON JUL 27	58 200	1977
1978	---	15.18 ON APR 2	0.026 ON SEP 10	69 300	1978
1979	---	15.38 ON MAR 6	0.119 ON AUG 22	60 200	1979
1980	---	21.28 ON MAR 22	0.063 ON JUL 25	70 300	1980
1981	---	28.48 ON FEB 20 *	0.203A ON JUN 18	74 500	1981
1982	18.3 AT 20:48 EST ON APR 3	16.3 ON APR 1	0.070 ON AUG 18	64 500	1982
1983	10.8 AT 19:50 EST ON DEC 15	10.4 ON DEC 15	0.045 ON JUN 22	50 800	1983
1984	15.8 AT 14:40 EST ON FEB 16	13.8 ON FEB 20	0.078 ON OCT 23	61 000	1984
				66 300	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MIMICO CREEK AT ISLINGTON - STATION NO. 02HC033

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	0.372	0.441R	0.540R	---	1965
1966	0.278R	0.626R	1.56R	0.285	0.232	0.247	0.105	0.135	0.180	0.118	0.522R	0.772R	0.419R	1966
1967	0.298	0.200	1.85R	1.16 R	0.259	0.779R	0.394	0.267	0.266	0.510	0.456R	0.786	0.589R	1967
1968	0.121R	1.47 R	2.07R	0.333	0.528R	0.286	0.281R	1.12 R	0.387R	0.233	0.962R	0.508R	0.686R	1968
1969	0.819R	0.312R	1.50R	1.25 R	0.768R	0.228R	0.702R	0.368R	0.140R	0.254R	0.511R	0.257R	0.597R	1969
1970	0.247R	0.413R	1.44R	1.25 R	0.505R	0.308R	0.566R	0.817R	0.433R	0.419R	0.553R	0.773R	0.845R	1970
1971	0.265	1.28	2.06	0.725	0.252	0.376	0.532	0.701	0.238	0.253	0.198	0.783	0.634	1971
1972	0.623	0.362	2.13	2.66	0.298	0.737	0.440	0.406	0.509	0.729	0.914	1.22	0.819	1972
1973	0.898	0.591	2.71	1.15	0.751	0.552	0.376	0.320	0.391	0.793	1.11	0.875	0.888	1973
1974	1.66	0.825	1.58	1.37	1.82	0.841	0.387	0.265	0.381	0.234	0.715	0.332	0.870	1974
1975	0.773	1.51	1.08	1.12	0.649	0.409	0.222	0.570	0.486	0.378	0.413	0.492	0.867	1975
1976	0.280	2.89	2.35	1.15	1.18	0.549	0.512	0.499	0.530	0.392	0.181	0.185	0.867	1976
1977	0.063	0.782	1.71	0.951	0.194	0.676	0.633	0.776	1.29	1.22	1.06	2.00	0.848	1977
1978	0.634	0.181	2.21	1.70	0.927	0.333	0.315	0.253	0.867	0.467	0.436	0.467	0.743	1978
1979	0.812	0.269	2.48	1.69	0.997	0.680	0.402	0.535	0.371	0.577	1.04	1.84	0.853	1979
1980	0.868	0.195	1.63	1.79	0.541	0.781	1.21	0.316	0.373	0.647	0.254	0.602	0.751	1980
1981	---	---	---	---	---	---	---	---	---	---	---	---	---	1981
1982	0.578	0.522	2.85	1.15	0.426	1.18	0.270	0.620	1.06	0.496	1.39	1.47	1.03	1982
1983	0.535	0.816	1.19	1.37	1.20	0.342	0.234	0.705	0.457	0.657	1.01	1.11	0.802	1983
1984	0.177	1.84	1.58	0.957	0.951	0.395	0.455	0.591	0.869	0.238	0.691	0.880	0.782	1984
MEAN	0.547R	0.842R	1.88R	1.23 R	0.693R	0.530R	0.446R	0.532R	0.498R	0.473R	0.677R	0.813R	0.766	MEAN

LOCATION - LAT 43 36 50 N, LONG 79 31 10 W
DRAINAGE AREA, 70.6 km^2
NATURAL FLOW
R - REVISED SINCE JAN 1980

MIMICO CREEK AT ISLINGTON - STATION NO. 02HC033

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	3.78R ON DEC 31	0.057 ON DEC 22	---	1965
1966	22.8R AT 20:45 EST ON NOV 9	8.50R ON DEC 10	0.054 ON JUL 25	13 200R	1966
1967	38.0R AT 08:00 EST ON APR 3	11.2 R ON APR 3	0.078 ON SEP 18	18 600R	1967
1968	50.1R AT 23:00 EST ON AUG 22	24.7 R ON FEB 2	0.085 ON AUG 6	21 700R	1968
1969	22.9R AT 18:42 EST ON APR 18	14.2 R ON APR 18	0.063R ON SEP 2	18 800R	1969
1970	45.4R AT 18:44 EST ON AUG 30	11.2 R ON AUG 30	0.078R ON JUL 13	26 300R	1970
1971	24.8 AT 04:14 EST ON AUG 27	10.5 ON FEB 27	0.088 ON AUG 2	29 800	1971
1972	18.4 AT 17:42 EST ON JUL 15	10.3 ON DEC 13	0.102 ON JUL 31	29 100	1972
1973	---	10.9 ON MAR 17	0.062B ON DEC 18	26 000	1973
1974	45.8 AT 22:19 EST ON MAY 15	25.5 E ON MAR 5 *	0.113B ON FEB 11	27 400	1974
1975	30.6 AT 19:36 EST ON FEB 24	16.2 ON FEB 24	0.071 ON JUL 26	21 000	1975
1976	21.0 AT 18:37 EST ON MAR 5	11.2 ON MAY 7	0.058 ON NOV 30	26 100	1976
1977	30.0 AT 22:18 EST ON SEP 24	11.4 A ON MAR 13	0.034 ON JUL 24 *	29 900	1977
1978	18.4B AT 09:40 EST ON JAN 26	10.3 E ON SEP 18	0.045 ON AUG 13	23 400	1978
1979	29.0 AT 18:28 EST ON DEC 25	20.8 ON DEC 25	0.070B ON FEB 18	30 100	1979
1980	49.9 AT 23:12 EST ON JUL 28	19.2 ON MAR 21	0.052B ON FEB 29	23 700	1980
1981	30.5 AT 07:09 EST ON FEB 11	12.7 ON SEP 4	---	---	1981
1982	33.4 AT 18:06 EST ON SEP 14	16.0 ON MAR 13	0.057 ON JUL 25	32 500	1982
1983	22.4 AT 18:49 EST ON AUG 8	9.32 ON DEC 12	0.097 ON JUL 17	25 300	1983
1984	52.3 AT 21:17 EST ON AUG 14 *	23.0 B ON FEB 14	0.082 ON JUL 30	24 100	1984
				24 200R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

MINISTIC CREEK NEAR AGNEW LAKE MINE - STATION NO. 02CE103

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0.181	0.153	0.133	2.41	1.59	0.293	0.174	0.121	0.359	0.848	---	---	---	1978
1979	0.127	0.088	0.807	---	---	---	---	---	0.105	0.442	0.844	0.488	---	1979
MEAN	0.144	0.121	0.470	2.41	1.59	0.293	0.174	0.121	0.232	0.545	0.844	0.488	---	MEAN

LOCATION - LAT 46 24 30 N, LONG 81 34 40 W. DRAINAGE AREA, 41.2 km². NATURAL FLOW. DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

MINISTIC CREEK NEAR AGNEW LAKE MINE - STATION NO. 02CE103

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	5.50E ON APR 22 *	---	---	1978
1979	---	---	---	---	1979
				---	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MISSINAIBI RIVER AT MATTICE - STATION NO. 04LJ001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	413	126	55.2	22.1	11.4	15.9	13.5	10.3	---	1920
1921	7.41	6.04	7.47	131	201	92.9	58.2	50.9	36.1	50.4	25.1	22.6	57.5	1921
1922	16.9	13.1	11.8	75.0	536	78.8	42.7	18.7	10.1	6.30	7.57R	6.94	69.5R	1922
1923	6.46	5.44	4.60R	27.1 R	137	72.9	45.6	21.0	60.0	123	113	62.1	56.8R	1923
1924	23.5	16.4	13.6	50.8	302	124	45.8	67.8	51.5	28.9	38.0	27.2	68.1	1924
1925	13.8	11.6	11.1	158	241	253	115	62.0	26.0	39.1	36.5 R	24.2 R	82.9R	1925
1926	11.8 R	9.08R	8.05R	7.39R	203R	135	224	58.0	93.3	95.8	105 R	105 R	88.4R	1926
1927	32.1 R	17.2 R	20.6 R	263 R	456	152	121	65.5	29.5	158	97.0 R	53.0 R	123 R	1927
1928	29.8 R	19.7 R	19.5 R	123 R	661R	300	248	90.2	200	249	155 R	66.8 R	163 R	1928
1929	29.4 R	17.6 R	15.1 R	184 R	315	202	56.5	50.2	129	118	173 R	57.5 R	111 R	1929
1930	22.2 R	15.2 R	13.8 R	85.9 R	552R	240	107	46.7	18.3	53.4	50.0	28.9	102 R	1930
1931	12.6	10.7	9.26	104 R	316	75.4	51.0	12.7	12.5	58.9	168	114 R	78.2R	1931
1932	45.3 R	32.0	26.9	105 R	469R	85.8	66.6	57.8	81.5	81.1	99.4	53.2	101 R	1932
1933	26.0	19.0	14.4	234 R	558	141	33.0	18.8	9.70	29.3	34.1 R	18.5	95.3R	1933
1934	14.4	10.8	9.83	24.4	547R	195	77.0	21.4	103	73.4	122	101	109 R	1934
1935	30.9	20.2	15.9	118	511R	328	99.2	67.7	60.4	177	77.9	35.1	129 R	1935
1936	18.1	13.8	11.8	33.5 R	768R	226	50.0	14.6	17.3	59.6	43.2 R	22.0 R	107 R	1936
1937	15.0 R	14.0 R	14.8 R	134 R	434	122	80.1	79.3	23.1	53.5	81.0 R	43.8 R	92.8R	1937
1938	23.5 R	18.1 R	31.8 R	277 R	490	368	108	80.4	38.5	26.1	32.4 R	27.7 R	127 R	1938
1939	28.9 R	21.7 R	17.8 R	56.5 R	779R	202	89.7	57.3	74.2	71.6	55.8	25.9 R	124 R	1939
1940	21.0	15.3 R	11.8 R	30.3 R	641R	287	80.7	29.2	43.4	28.0	56.1 R	33.7 R	108 R	1940
1941	22.9	16.0	13.9 R	216 R	467	112	35.1	51.6	196	236	124 R	91.7 R	133 R	1941
1942	40.9 R	22.5 R	18.2 R	275 R	362	75.3	35.9	28.1	163	216	153 R	55.5 R	121 R	1942
1943	30.3 R	20.9 R	16.8 R	87.7	493	314	108	37.3	20.4	12.2	32.8 R	18.9 R	98.3R	1943
1944	14.1 R	12.1 R	11.3 R	87.4 R	482	162	40.9	41.8	95.5	95.9	65.6 R	35.7 R	94.1R	1944
1945	19.2 R	15.8 R	59.0 R	307	169	145	84.5	50.3	44.5	54.9	150 R	62.7 R	96.6R	1945
1946	36.2 R	25.5 R	62.9 R	236 R	425	184	59.6R	23.3	42.4	44.2	115	71.3 R	111 R	1946
1947	29.5 R	19.4 R	15.8 R	33.2 R	682R	498	119	68.0	37.2	40.1	23.2 R	13.2 R	132 R	1947
1948	10.5 R	9.48R	9.58R	224 R	278	64.6	38.5	59.7	48.6	27.9	65.7	62.8 R	78.5R	1948
1949	31.5 R	21.3 R	17.0 R	136 R	448	137	37.0	26.4	23.2	83.9	73.0 R	34.2 R	89.7R	1949
1950	17.5 R	15.7 R	15.2 R	33.6 R	678R	296	145	36.7	18.0	50.9	74.5	58.3 R	121 R	1950
1951	26.4 R	18.6 R	19.2 R	386	437	107	76.6	35.1	22.7	86.6	124 R	85.8 R	119 R	1951
1952	25.2 R	13.0 R	14.5 R	242 R	273	233	69.2	36.8	28.9	25.6	51.7	93.7	92.2R	1952
1953	23.7	18.0 R	24.7 R	106 R	548	190	82.3	20.7	17.5	25.5	35.5	82.2 R	106 R	1953
1954	19.7 R	15.9 R	17.1 R	149 R	521	156	94.5	43.0	32.3	183	132	42.9	118 R	1954
1955	17.4	13.5	12.0	264	206	107	38.5	15.5	8.78	56.6	71.4	45.1	71.4	1955
1956	27.8	18.7	15.1	43.0	446	256	162	64.6	107	63.9	42.8	27.6	107	1956
1957	19.7	14.6	14.0	256	339	121	82.6	22.7	54.4	53.1	109	72.0	97.6	1957
1958	25.5	12.2	15.0	186	183	206	136	57.0	148	105	139	50.1	104	1958
1959	26.6	16.7	15.5	73.6	436	111	33.6	45.7	87.6	189	132	49.5	102	1959
1960	26.6	23.6	20.9	173	622	183	41.7	56.2	29.6	27.6	54.7 R	36.5 R	126 R	1960
1961	17.6 R	10.1 R	11.1 R	174 R	481	216	156	47.7	181	224	119	64.6 R	143 R	1961
1962	31.9 R	19.4 R	15.9 R	41.2 R	462R	178	41.6	88.4	227	71.5	43.2 R	41.2 R	106 R	1962
1963	20.5 R	15.4 R	12.4 R	106 R	336	288	84.1	30.8	26.5	33.5	24.7 R	22.1 R	84.0R	1963
1964	16.0 R	15.4 R	13.1 R	324 R	467	220	110 R	86.8	80.3	187	128 R	57.3 R	135 R	1964
1965	26.4 R	18.4 R	13.6 R	86.9 R	603	135	41.8	67.5	126	184	73.4	47.8	110 R	1965
1966	32.4	23.9	24.3	133	518	181 R	70.8	83.5	48.5	250 R	113	72.1	137 R	1966
1967	31.2	26.4	20.6	288	522	152	68.0R	41.8R	12.8	44.4	43.7	32.5	107 R	1967
1968	18.4	12.7	13.6 R	408 R	214	187	307	85.3	127	182	110	56.2 R	143 R	1968
1969	38.7	28.9	21.1	263 R	448	121	59.6	31.2	28.9	87.1	80.6	54.5	105 R	1969
1970	20.2	11.8	10.1	66.2 R	272R	178	120	45.8	57.5	72.2	71.6	38.6	89.8R	1970
1971	25.3	17.6	13.3	48.0	503	158	63.2	43.6	48.3	84.4	106	115	105	1971
1972	38.6	18.3	15.7	30.7	465	188	105	50.6	47.8	92.6	91.2	28.0	87.7	1972
1973	20.4	16.4	31.0	244	373	178	182	116	107	93.6	75.6	49.6	133	1973
1974	27.6	19.4	16.1	21.6	485	196	70.6	62.6	66.2	148	123	45.7	108	1974
1975	24.6	17.6	13.4	31.6	332	147	36.6	10.2	12.1	18.1	52.8	30.8	80.8	1975
1976	17.4	13.7	14.8	373	260	73.6	38.7	21.8	4.76	8.38	8.67	5.86	89.6	1976
1977	3.66	3.06	12.2	376	215	93.8	59.0	22.2	142	128	119	49.6	102	1977
1978	21.7	14.4	8.56	15.9	508	216	158	50.2	41.8	165	87.3	27.7	104	1978
1979	17.9	13.4	14.4	216	824	256	85.6	38.9	78.7	224	148	58.2	184	1979
1980	30.8	19.6	13.5	185	338	137	80.6	26.6	27.4	72.0	42.4	23.6	81.6	1980
1981	15.6	15.8	27.3	376	423	140	46.3	11.4	8.84	18.9	29.3	15.3	85.7	1981
1982	11.6	8.36	8.13	71.8	414	85.4	136	36.6	123	284	178	84.0	116	1982
1983	34.1	27.1	30.6	106	627	227	63.6	25.0	71.9	120	65.6	43.6	121	1983
1984	24.0	17.7	16.9	260	261	190	182	42.7	16.6	33.6	83.2	43.9	86.0	1984
MEAN	23.3 R	16.6 R	17.0 R	151 R	442R	176 R	87.7R	46.1R	82.7	93.6 R	81.6 R	48.5 R	105	MEAN

LOCATION - LAT 49 37 00 N, LONG 83 15 48 W. DRAINAGE AREA, 8 940 km². NATURAL FLOW.

R - REVISED SINCE JAN 1980

MISSINAIBI RIVER AT MATTICE - STATION NO. 04LJ001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	538 ON APR 29	5.32B ON FEB 13	1 820 000	1921
1922	---	1 000 ON MAY 8	5.55 ON OCT 12	2 190 000R	1922
1923	---	411 ON OCT 23	4.47RB ON MAR 11	1 790 000R	1923
1924	---	484 ON MAY 3	12.7 B ON MAR 29	2 090 000	1924
1925	---	435 ON JUN 7	10.8 B ON FEB 27	2 610 000R	1925
1926	---	405 ON MAY 9	4.59RB ON APR 1	2 780 000R	1926
1927	---	869 ON APR 21	15.9 RB ON FEB 28	3 870 000R	1927
1928	---	1 310 ON MAY 7	13.5 RB ON MAR 11	5 770 000R	1928
1929	---	487 ON MAY 31	12.9 RB ON FEB 25	3 490 000R	1929
1930	---	1 250 ON MAY 8	12.4 ON SEP 13	3 220 000R	1930
1931	---	580 ON MAY 9	4.81 ON SEP 3	2 500 000R	1931
1932	---	725 ON MAY 10	23.2 ON AUG 22	3 190 000R	1932
1933	---	807 ON MAY 14	7.78 ON SEP 18	3 010 000R	1933
1934	---	887RB ON MAY 9	9.63B ON MAR 1	3 440 000R	1934
1935	---	824 ON MAY 13	15.9 B ON MAR 1	4 070 000R	1935
1936	---	1 200 ON MAY 14	7.39 ON SEP 10	3 390 000R	1936
1937	---	1 080 ON MAY 2	9.46 ON SEP 13	2 920 000R	1937
1938	---	1 050 ON MAY 5	12.4 RB ON MAR 10	4 010 000R	1938
1939	---	1 480 ON MAY 10	15.6 RB ON MAR 20	3 820 000R	1939
1940	---	867 ON MAY 17	10.4 RB ON MAR 24	3 410 000R	1940
1941	---	1 110 ON MAY 5	12.0 RB ON APR 2	4 190 000R	1941
1942	---	883 ON APR 25	16.9 RB ON MAR 18	3 810 000R	1942
1943	---	900 ON MAY 7	2.97 ON OCT 13	3 100 000R	1943
1944	---	1 020 ON MAY 4	10.8 RB ON MAR 15	2 980 000R	1944
1945	---	874 ON APR 12	14.2 RB ON MAR 10	3 050 000R	1945
1946	---	948 ON MAY 27	17.4 ON AUG 18	3 490 000R	1946
1947	---	1 380 ON MAY 19	11.3 RB ON DEC 28	4 180 000R	1947
1948	---	912 ON APR 29	8.47RB ON MAR 13	2 480 000R	1948
1949	---	937 ON MAY 4	12.0 ON SEP 7	2 830 000R	1949
1950	---	1 190 ON MAY 26	9.12 ON OCT 13	3 830 000R	1950
1951	---	1 070 ON MAY 3	16.0 RB ON MAR 5	3 780 000R	1951
1952	---	778 ON APR 25	11.2 RB ON MAR 8	2 910 000R	1952
1953	---	1 130 ON MAY 10	4.53 ON SEP 11	3 340 000R	1953
1954	---	946 ON MAY 2	12.7 RB ON JAN 24	3 720 000R	1954
1955	---	753 ON APR 22	5.95 ON SEP 18	2 250 000	1955
1956	---	872 ON MAY 15	13.1 B ON MAR 30	3 380 000	1956
1957	---	1 320 ON APR 28	8.89 ON SEP 2	3 080 000	1957
1958	---	578 ON APR 22	10.6 B ON FEB 15	3 270 000	1958
1959	1 080 AT 23:00 EST ON MAY 7	1 030 ON MAY 8	14.2 B ON MAR 2	3 220 000	1959
1960	1 200 AT 13:00 EST ON MAY 17	1 180 ON MAY 17	15.7 B ON APR 10	3 870 000R	1960
1961	823 AT 06:00 EST ON MAY 17	812 ON MAY 17	9.40RB ON FEB 20	4 500 000R	1961
1962	789 AT 08:00 EST ON MAY 6	778 ON MAY 6	14.2 RB ON FEB 24	3 350 000R	1962
1963	606 AT 22:00 EST ON JUN 22	585 ON JUN 22	11.3 RB ON MAR 21	3 650 000R	1963
1964	983 AT 07:00 EST ON MAY 1	977 ON MAY 1	9.49RB ON MAR 12	4 270 000R	1964
1965	711 AT 14:00 EST ON MAY 18	705 ON MAY 18	10.7 RB ON APR 8	3 480 000R	1965
1966	951 AT 08:00 EST ON MAY 21	943 ON MAY 21	18.7 B ON MAR 13	4 000 000R	1966
1967	726 AT 11:00 EST ON MAY 20	711 ON MAY 20	7.87 ON OCT 7	3 380 000R	1967
1968	915 AT 08:00 EST ON APR 25	898 ON APR 25	11.3 B ON MAR 3	4 530 000R	1968
1969	770 AT 22:00 EST ON MAY 8	762 ON MAY 8	17.0 ON SEP 30	3 310 000R	1969
1970	779 AT 01:00 EST ON MAY 3	770R ON MAY 2	9.51B ON APR 8	2 820 000R	1970
1971	826 AT 11:49 EST ON MAY 21	823 ON MAY 21	12.0 B ON APR 13	3 310 000	1971
1972	838 AT 00:30 EST ON MAY 4	804 ON MAY 4	13.3 B ON APR 13	3 080 000	1972
1973	801 AT 10:50 EST ON MAY 11	798 ON MAY 11	15.9 B ON FEB 28	3 880 000	1973
1974	702 AT 03:30 EST ON MAY 15	699 ON MAY 15	15.3 B ON MAR 27	3 430 000	1974
1975	758B AT 14:00 EST ON MAY 2	726 ON MAY 3	3.68 ON SEP 2	1 820 000	1975
1976	1 210 AT 05:04 EST ON APR 21	1 170 ON APR 21	4.36 ON SEP 13	2 210 000	1976
1977	860 AT 02:56 EST ON APR 23	846 ON APR 23	2.63B ON MAR 3 *	3 210 000	1977
1978	1 040 AT 12:57 EST ON MAY 15	1 030 ON MAY 15	7.42B ON MAR 29	3 410 000	1978
1979	1 780 AT 22:55 EST ON MAY 12 *	1 740 ON MAY 12 *	11.3 B ON MAR 15	5 170 000	1979
1980	908 AT 05:51 EST ON APR 30	903 ON MAY 1	11.8 B ON MAR 30	2 580 000	1980
1981	966 AT 00:04 EST ON MAY 7	950 ON MAY 7	4.65 ON OCT 5	2 700 000	1981
1982	873 AT 04:17 EST ON MAY 3	870 ON MAY 3	7.60B ON MAR 13	3 720 000	1982
1983	---	1 220B ON MAY 2	15.8 ON SEP 5	3 810 000	1983
1984	578 AT 08:54 EST ON MAY 3	569 ON MAY 3	12.4 B ON MAR 18	3 040 000	1984
				3 310 000R	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

MISSINAIBI RIVER BELOW WABOOSE RIVER - STATION NO. 04LM001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	52.4	39.9	36.3	---	---	355	214	129	101	248	140	83.8	---	1972
1973	37.4	28.5	63.9	548	822	292	322	195	149	184	142	85.1	240	1973
1974	43.7	30.7	24.9	41.8	1 340	498	145	148	142	359	287	73.5	284	1974
1975	31.8	22.6	19.3	84.1	---	---	---	---	---	---	---	58.4	---	1975
1976	29.4	21.2	19.4	820	826	183	88.4	78.1	23.9	80.2	31.8	19.0	185	1976
1977	14.2	12.3	17.1	817	844	208	278	74.8	283	250	258	84.8	248	1977
1978	46.3	32.8	20.8	33.7	1 200	778	318	83.3	83.4	388	109	43.1	283	1978
1979	31.1	26.5	26.8	582	1 720	537	121	76.3	188	558	385	118	383	1979
1980	62.3	39.4	27.5	341	1 030	337	93.8	51.5	58.4	257	110	38.5	204	1980
1981	20.2	20.7	46.3	583	905	348	88.4	35.4	27.4	52.3	85.3	34.0	187	1981
1982	25.1	21.1	18.7	115	1 290	188	432	108	202	517	382	178	293	1982
1983	70.4	55.8	60.5	178	1 850	845	121	43.8	174	313	148	83.8	315	1983
1984	45.5	35.4	34.2	871	785	418	377	144	58.8	198	183	118	244	1984
MEAN	39.2	29.7	32.0	398	1 110	397	218	97.1	119	288	185	77.0	252	MEAN

LOCATION - LAT 50 38 00 N
LONG 82 07 00 W

DRAINAGE AREA, 22 800 km^2
NATURAL FLOW

MISSINAIBI RIVER BELOW WABOOSE RIVER - STATION NO. 04LM001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	1 590 AT 01:18 EST ON APR 24	1 570 ON APR 24	27.88 ON FEB 19	7 585 000	1973
1974	2 020 AT 06:00 EST ON MAY 18	2 000 ON MAY 18	23.98 ON MAR 28	8 320 000	1974
1975	---	1 020B ON MAY 1	---	---	1975
1976	---	2 350E ON APR 23	16.0B ON DEC 31	5 200 000	1976
1977	2 430 AT 17:36 EST ON APR 24	2 350 ON APR 24	11.4B ON MAR 6 *	7 710 000	1977
1978	---	2 150E ON MAY 16	16.1B ON MAR 27	7 970 000	1978
1979	---	2 820 ON MAY 12	23.6B ON MAR 18	11 500 000	1979
1980	2 410 AT 12:07 EST ON MAY 2	2 390 ON MAY 2	23.8B ON MAR 31	8 470 000	1980
1981	1 820 AT 17:37 EST ON MAY 7	1 800 ON MAY 8	14.0B ON FEB 15	5 880 000	1981
1982	2 650 AT 03:41 EST ON MAY 7 *	2 610 ON MAY 6	16.0B ON MAR 20	8 230 000	1982
1983	---	3 600B ON MAY 3 *	33.8 ON AUG 24	9 930 000	1983
1984	1 620 AT 15:30 EST ON APR 26	1 620 ON APR 26	30.0B ON MAR 20	7 730 000	1984
				7 960 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MISSISSAGI RIVER AT IRON BRIDGE - STATION NO. 02CC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	---	---	---	---	185	---	1915
1916	95.7	83.6	51.1	233	256	203	122	48.1	53.2	108	193	170	133	1916
1917	86.5	40.2	42.2	103	336	357	151	76.1	38.9	44.8	56.3	38.3	116	1917
1918	33.0	31.7	42.4	142	314	221	117	54.4	58.4	133	230	192	131	1918
1919	136	86.5	83.1	375	301	185	89.5	36.3	48.7	---	---	---	---	1919
MEAN	87.8	50.5	54.7	213	302	242	115	53.7	49.8	95.3	160	147	126	MEAN

LOCATION - LAT 46 16 45 N
LONG 83 13 25 W
DRAINAGE AREA, 9 040 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO HYDRO

MISSISSAGI RIVER AT IRON BRIDGE - STATION NO. 02CC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	377 ON APR 26	30.9 ON SEP 2	4 210 000	1916
1917	---	588 ON JUN 6	29.2 ON SEP 26	3 810 000	1917
1918	---	419 ON MAY 21	26.1 ON FEB 8 *	4 130 000	1918
1919	---	826 ON APR 24 *	---	---	1919
				3 980 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MISSISSAGI RIVER AT MISSISSAGI - STATION NO. 02CC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	---	---	31.6	30.7	44.1	---	1920
1921	41.3	35.3	89.3	356	215	120	54.9	35.3	32.8	122	100	151	113	1921
1922	76.7	50.6	82.3	474	511	148	124	70.6	41.9	36.5	58.6R	80.8	144 R	1922
1923	45.3	34.6	27.3	167 R	418	196	97.3	55.4	53.8	40.6	40.4	42.4	102 R	1923
1924	49.7	45.0	43.6	114	243	150	89.4	58.7	47.7	35.9	52.0	53.6	81.9	1924
1925	37.3	37.5	45.6	139	144R	188 R	90.1R	60.8R	46.7	40.3	89.7	116 R	83.2R	1925
1926	58.7R	38.6R	35.2R	85.1R	204	181	131	67.5	39.9	45.3	161 R	173 R	100 R	1926
1927	70.6R	54.2R	136 R	301 R	380	235	93.7	45.0	31.2	58.3	74.2R	75.3R	131 R	1927
1928	53.1R	43.2R	54.6R	274 R	727	212	143	80.9	214	453	278 R	136 R	223 R	1928
1929	61.2R	56.0R	80.0R	307 R	285R	201 R	148 R	55.1R	31.4R	42.3R	66.4R	44.6R	116 R	1929
1930	39.9R	35.6R	40.6R	124 R	293R	284 R	241 R	73.6R	41.5	44.4	45.3	42.8	108 R	1930
1931	31.4	28.6	30.6	157 R	237	134	58.6	28.9	39.3	83.6	156	182 R	95.7R	1931
1932	104	83.2	84.1R	170 R	231	88.5	45.2	33.1	29.7	59.0	150	118	98.7R	1932
1933	83.1	57.6	50.7	318 R	383	166	88.2	41.9	31.3	36.5	51.1	43.0	111 R	1933
1934	41.9	37.9	27.8	88.0	477	138	86.9	31.6	35.6	61.5	215	246	122	1934
1935	81.2	60.9	53.0	165 R	251	131	92.8	55.0	40.0	46.9	67.9R	67.7	93.7R	1935
1936	39.1	28.3	36.0	136 R	488	191	73.5	36.6	30.7	41.8	83.0R	46.5R	101 R	1936
1937	73.9R	61.6R	84.9R	226 R	299	113	65.7	81.7	78.6	107	126 R	103 R	117 R	1937
1938	60.6R	53.2R	86.6R	616 R	367	220	70.6	39.0	38.9	29.6	51.0R	73.7R	144 R	1938
1939	66.9R	46.4R	42.6R	140 R	386	237	89.3	46.6	39.0	58.6	83.0	56.4R	108 R	1939
1940	38.7R	34.4R	30.9R	86.7R	192	216	88.7	66.2	43.8	36.6	86.4R	80.3R	81.8R	1940
1941	81.9R	41.4R	37.7R	240 R	226	126	66.6	66.7	91.4	196	229	172 R	130 R	1941
1942	111 R	67.2R	61.2R	226 R	234	136	80.4	36.6	47.2	83.1	132	76.0R	107 R	1942
1943	64.2R	46.9R	46.1R	139 R	328	424	165	76.1	66.1	80.7	94.0R	66.4R	126 R	1943
1944	46.1R	39.6R	38.5R	140 R	261	138	66.2	60.7	64.0	84.7	84.9	66.7R	89.1R	1944
1945	48.3R	41.6R	121 R	281	178	190	82.6	43.7	39.6	66.3	127	66.4R	105 R	1945
1946	78.2R	66.6R	136 R	183	186	152	71.2	66.2	48.3	43.6	103	122 R	101 R	1946
1947	64.6R	61.6R	49.1R	186 R	366	404	169	76.6	67.0	60.4	46.4	46.3R	132 R	1947
1948	37.7R	30.9R	36.8R	216 R	266	100	69.0	66.2	44.3	34.2	76.0	86.1R	87.8R	1948
1949	83.1R	84.1R	60.7R	266 R	266	143	110	64.6	43.1	46.0	69.0R	46.6R	100 R	1949
1950	66.3R	66.6R	26.2R	152 R	406	232	101	63.3	67.4	---	---	---	---	1950
MEAN	60.0R	47.6R	67.4R	212 R	315R	185 R	87.3R	55.4R	51.9R	70.9R	88.4R	80.7R	112	MEAN

LOCATION - LAT 46 14 40 N
LONG 83 09 20 W
DRAINAGE AREA, 9 270 km^2
REGULATED
R - REVISED SINCE JAN 1980

MISSISSAGI RIVER AT MISSISSAGI - STATION NO. 02CC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	515 ON APR 10	30.3 ON SEP 3	3 570 000	1921
1922	---	786 ON APR 20	30.6 ON OCT 8	4 530 000R	1922
1923	---	708 ON MAY 5	26.1RB ON APR 1	3 210 000R	1923
1924	---	309 ON MAY 2	28.2 ON NOV 6	2 580 000	1924
1925	---	257 ON APR 28	32.3B ON JAN 28	2 820 000R	1925
1926	---	300 ON NOV 18	33.1RB ON FEB 28	3 160 000R	1926
1927	---	617 ON APR 22	27.6 ON SEP 18	4 120 000R	1927
1928	---	1 060 ON MAY 7 *	40.2RB ON MAR 8	7 050 000R	1928
1929	---	430R ON APR 10	25.8RE ON SEP 28	3 670 000R	1929
1930	---	488RE ON JUL 1	34.0RB ON FEB 8	3 350 000R	1930
1931	---	377 ON NOV 28	24.9 ON AUG 21 *	3 020 000R	1931
1932	---	286 ON MAY 10	27.2 ON SEP 17	3 120 000R	1932
1933	---	566 ON APR 23	28.9 ON SEP 28	3 510 000R	1933
1934	---	762 ON MAY 7	27.2 ON SEP 2	3 850 000	1934
1935	---	382 ON MAY 2	36.0 ON SEP 28	2 850 000R	1935
1936	---	688 ON MAY 11	27.8 ON OCT 4	3 190 000R	1936
1937	---	521 ON MAY 2	47.0 ON JUL 25	3 700 000R	1937
1938	---	940 ON APR 21	27.6 ON OCT 31	4 560 000R	1938
1939	---	518 ON MAY 11	33.4 ON SEP 27	3 400 000R	1939
1940	---	331 ON JUN 9	28.5RB ON MAR 26	2 580 000R	1940
1941	---	445 ON APR 18	37.1RB ON MAR 13	4 110 000R	1941
1942	---	405 ON APR 27	30.6 ON SEP 12	3 370 000R	1942
1943	---	848 ON JUN 20	43.9RB ON MAR 5	4 040 000R	1943
1944	---	399 ON MAY 4	37.1RB ON MAR 8	2 820 000R	1944
1945	---	399 ON MAR 30	36.0 ON SEP 3	3 300 000R	1945
1946	---	317 ON MAY 27	37.1 ON OCT 25	3 200 000R	1946
1947	---	583 ON JUN 17	40.2 ON OCT 31	4 180 000R	1947
1948	---	374 ON APR 29	27.6 ON OCT 5	2 780 000R	1948
1949	---	377 ON MAY 8	35.1 ON AUG 27	3 170 000R	1949
1950	---	583 ON MAY 10	---	---	1950
				3 540 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

MISSISSAGI RIVER AT MISSISSAGI CHUTE - STATION NO. 02CC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	123 R	183	155	136	71.6	135	124	155	159	---	1961
1962	116	119	131	161	292	131	66.1	51.5	67.4	79.5	87.8	50.9R	111 R	1962
1963	53.8R	56.2R	71.1R	193	142	95.4	60.5	52.5	50.1	37.0	28.0	42.8	73.5R	1963
1964	58.3	65.5	78.6	227	239	97.8	65.4	52.0	98.9	161	125	126 R	116 R	1964
1965	105 R	119 R	109 R	127 R	320	95.1	56.7	66.7	161	205	213	148	144 R	1965
1966	128	162	186	238	221	218	62.8	47.7	48.5	67.7	132	191	142	1966
1967	120	134	143	393	332	167	75.2	72.8	53.4	56.5	117	114	148	1967
1968	121	117	132	279	172	169	112	63.6	94.2	151	125	124	138	1968
1969	128	127	118	204	194	151	141	66.6	52.4	76.8	109	106	123	1969
1970	95.2	105	89.2	112	175	308	114	71.2	88.4	141	139	154	133	1970
1971	114	128	151	289	332	204	52.6	59.1	57.4	76.7	102	138	142	1971
1972	119	124	86.0	181	385	112	55.3	101	152	101	83.4	82.3	132	1972
1973	130	121	196	243	241	174	90.6	154	65.6	74.1	66.6	75.9	136	1973
1974	64.9	80.3	164	211	249	175	80.9	64.6	51.2	62.5	119	149	119	1974
1975	133	128	122	155	336	238	80.1	45.5	37.9	42.0	71.2	112	128	1975
1976	114	115	109	383	231	116	53.2	45.0	37.9	34.7	30.6	25.5	108	1976
1977	32.9	69.5	133	219	107	69.8	51.6	44.7	62.8	155	221	145	107	1977
1978	115	145	88.6	92.5	235	110	80.0	49.8	103	245	115	88.1	122	1978
1979	114	138	173	384	388	212	147	91.4	83.2	112	200	163	185	1979
1980	160	100	114	178	160	113	53.6	91.4	123	41.5	46.8	39.8	102	1980
1981	34.6	67.2	89.8	283	130	136	123	84.5	55.1	67.3	59.0	77.9	98.6	1981
1982	88.0	71.1	102	172	233	73.3	49.8	46.1	56.8	143	173	181	114	1982
1983	198	168	157	197	282	380	84.1	54.2	48.7	85.3	79.2	101	152	1983
1984	135	137	119	201	118	80.9	129	73.3	73.8	108	220	187	132	1984
MEAN	108 R	113 R	125 R	218 R	238	158	83.8	66.4	77.4	102	117	114 R	126	MEAN

LOCATION - LAT 46 12 04 N
LONG 83 01 32 W
DRAINAGE AREA, 8 300 km^2
REGULATED

R - REVISED SINCE JAN 1980

MISSISSAGI RIVER AT MISSISSAGI CHUTE - STATION NO. 02CC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	388 AT 03:00 EST ON JUN 28	---	---	---	1981
1982	530 AT 08:00 EST ON MAY 6	513 ON MAY 6	13.6 RB ON DEC 24	3 610 000R	1982
1983	251 AT 04:00 EST ON APR 9	240 ON APR 22	2.08 ON NOV 4 *	2 320 000R	1983
1984	524 AT 18:30 EST ON APR 30	510 ON APR 30	26.9 B ON JAN 5	3 680 000R	1984
1985	589 AT 20:00 EST ON MAY 4	551 ON MAY 5	12.8 RB ON APR 4	4 540 000R	1985
1986	547 AT 08:00 EST ON APR 26	544 ON APR 26	41.1 ON SEP 27	4 470 000	1986
1987	714 AT 08:00 EST ON MAY 6	711 ON MAY 5	32.6 ON SEP 16	4 880 000	1987
1988	447 AT 22:00 EST ON APR 15	447 ON APR 17	47.0 ON AUG 19	4 360 000	1988
1989	428 AT 08:48 EST ON JUN 29	398 ON JUN 29	12.5 ON APR 5	3 870 000	1989
1970	486 AT 18:13 EST ON JUN 3	481 ON JUN 3	15.3 ON APR 5	4 200 000	1970
1971	595 AT 08:17 EST ON APR 25	586 ON APR 24	17.2 ON NOV 27	4 470 000	1971
1972	742 AT 11:43 EST ON MAY 6	733 ON MAY 5	14.6 ON MAR 18	4 170 000	1972
1973	478 AT 01:44 EST ON MAY 5	419 ON MAY 5	19.6 E ON DEC 25	4 280 000	1973
1974	498 AT 12:56 EST ON MAY 2	496 ON MAY 2	20.1 ON FEB 3	3 760 000	1974
1975	617 AT 08:48 EST ON MAY 7	597 ON MAY 7	19.3 ON APR 5	3 870 000	1975
1976	628 AT 07:32 EST ON APR 23	623 ON APR 23	8.27 ON DEC 27	3 380 000	1976
1977	413 AT 15:47 EST ON APR 22	399 ON APR 22	8.41A ON JAN 23	3 370 000	1977
1978	496 AT 00:28 EST ON MAY 15	433 ON OCT 6	15.4 ON APR 19	3 880 000	1978
1979	982 AT 12:51 EST ON APR 28 *	957 ON APR 28 *	20.8 ON MAR 4	5 830 000	1979
1980	329 AT 08:34 EST ON APR 13	327 ON APR 12	19.0 ON MAR 30	3 320 000	1980
1981	488 AT 04:38 EST ON APR 8	485 ON APR 7	14.8 ON FEB 15	3 140 000	1981
1982	453 AT 02:58 EST ON MAY 3	448 ON MAY 3	33.0 ON MAR 13	3 610 000	1982
1983	726 AT 09:23 EST ON JUN 3	701 ON JUN 3	32.4 ON NOV 8	4 780 000	1983
1984	481 AT 22:19 EST ON NOV 2	377 ON NOV 3	44.4 ON SEP 5	4 180 000	1984
				3 980 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980

MISSISSAGI RIVER AT RAYNER GENERATING STATION - STATION NO. 02CC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	---	---	---	47.6	24.9	31.8	---	1950
1951	42.7	64.2	72.2	226	148	98.0	82.8	63.5	58.6	109	152	111	104	1951
1952	86.5	74.8	74.3	185	135	85.3	142	170	85.6	76.5	84.2	72.6	104	1952
1953	72.3	78.1	123	188	269	154	119	58.3	48.0	70.8	80.0	86.4	108	1953
1954	83.6	71.0	82.6	173	174	164	86.6	43.7	57.4	134	97.0	77.3	100	1954
1955	75.2	82.6	76.9	148	86.7	86.0	28.6	3.92	18.4	13.4	40.4	43.1	57.6	1955
1956	41.6	84.1	78.4	83.2	128	77.1	108	53.6	31.6	44.5	42.3	38.6	66.6	1956
1957	86.9	80.6	83.4	164	134	72.1	110	26.6	49.5	48.9	47.5	44.6	74.7	1957
1958	87.7	83.5	83.4	73.5	88.3	47.8	38.9	19.0	14.9	30.9	48.8	86.2	52.7	1958
1959	86.6	86.8	83.6	84.9	138	87.4	29.6	7.87	14.6	77.2	98.4	76.3	82.7	1959
1960	78.0	83.6	80.1	186	386	122	81.0	41.0	63.4	63.0	76.3	81.4	108	1960
1961	79.0	84.1	83.1	86.6	136	86.3	84.6	60.9	83.4	77.1	101	101	82.9	1961
1962	81.6	83.6	104	93.1	186	88.6	47.7	38.1	46.6	53.7	42.7	37.6	76.1	1962
1963	38.7	42.2	61.8	86.0	81.0	84.2	43.6	33.6	33.0	22.6	11.1	21.4	43.2	1963
1964	41.6	47.8	86.0	121	142	87.6	46.8	32.0	89.8	90.6	70.3	81.8	70.6	1964
1965	82.7	101	90.9	86.6	207	82.1	39.6	47.6	110	126	139	84.2	87.1	1965
1966	83.8	117	131	131	163	167	48.8	33.8	37.8	43.8	81.6	139	87.1	1966
1967	82.6	88.1	111	240	202	114	63.6	47.8	40.1	42.0	86.8	86.6	86.2	1967
1968	76.6	76.8	86.1	184	88.6	122	74.3	42.3	62.1	87.2	83.2	83.2	87.2	1968
1969	82.8	81.1	81.0	86.8	112	83.0	76.2	44.2	36.8	41.8	82.2	73.4	72.6	1969
1970	71.4	77.8	88.2	86.2	88.3	188	78.7	48.6	66.8	82.8	78.3	84.1	80.6	1970
1971	81.1	100	100	169	218	162	36.0	46.0	43.6	82.0	72.4	81.0	86.6	1971
1972	86.6	86.4	82.0	81.6	218	78.8	38.7	76.6	114	88.8	86.6	86.8	86.4	1972
1973	87.2	88.1	124	149	166	119	86.8	101	43.1	83.6	62.8	81.6	80.2	1973
1974	38.8	86.0	127	106	161	116	87.6	36.8	36.8	47.2	81.6	80.3	80.0	1974
1975	87.0	87.2	86.3	73.4	202	170	63.7	28.0	24.8	31.1	46.6	76.8	84.0	1975
1976	87.6	88.6	81.1	206	146	84.6	36.0	32.8	28.6	26.3	18.6	18.2	71.6	1976
1977	20.3	41.8	80.8	107	86.1	33.2	36.4	32.6	44.3	81.6	127	88.8	86.8	1977
1978	81.6	113	77.0	44.0	133	73.4	36.6	32.8	88.0	159	74.7	86.6	78.8	1978
1979	84.4	106	106	208	283	162	82.7	61.8	86.7	87.8	120	102	121	1979
1980	120	88.3	86.6	81.6	86.6	76.1	33.6	76.6	88.6	26.0	27.2	23.6	87.8	1980
1981	16.6	40.6	86.3	162	84.6	77.3	84.6	46.3	36.1	41.2	31.6	61.4	82.1	1981
1982	83.6	82.3	70.4	77.1	136	43.7	30.6	32.2	31.7	81.4	106	86.0	86.6	1982
1983	137	128	88.6	86.6	213	280	86.0	36.6	36.1	86.2	47.0	86.6	105	1983
1984	102	103	83.6	114	86.6	87.6	84.8	82.0	43.7	86.6	146	116	86.4	1984
MEAN	72.4	80.6	86.0	126	166	102	83.0	47.1	80.6	84.6	71.1	70.6	82.6	MEAN

LOCATION - LAT 46 26 07 N, LONG 83 23 06 W DRAINAGE AREA, 6 840 km^2, REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

MISSISSAGI RIVER AT RAYNER GENERATING STATION - STATION NO. 02CC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	---	484 ON APR 14	10.5 ON JAN 1	3 280 000	1951
1952	---	445 ON APR 21	26.0 ON DEC 26	3 280 000	1952
1953	---	377 ON MAY 13	9.34 ON AUG 16	3 420 000	1953
1954	---	388 ON APR 28	4.16 ON AUG 1	3 170 000	1954
1955	---	326 ON APR 16	0 ON AUG 7 *	1 820 000	1955
1956	---	246 ON APR 14	0 ON SEP 30	2 100 000	1956
1957	---	487 ON APR 26	0 ON OCT 20	2 360 000	1957
1958	---	85.5 ON JUN 5	0 ON JAN 1	1 860 000	1958
1959	---	283 ON OCT 26	0 ON JAN 3	1 980 000	1959
1960	---	554 ON MAY 13	0 ON APR 9	3 430 000	1960
1961	---	238 ON MAY 17	0 ON APR 9	2 610 000	1961
1962	---	348 ON MAY 4	0 ON DEC 23	2 370 000	1962
1963	---	129 ON APR 22	0 ON JAN 6	1 380 000	1963
1964	---	334 ON APR 30	0.311 ON JUL 1	2 230 000	1964
1965	---	368 ON MAY 5	15.5 ON APR 4	3 060 000	1965
1966	---	351 ON APR 26	22.8 ON AUG 20	3 060 000	1966
1967	---	459 ON MAY 5	21.8 ON NOV 2	3 040 000	1967
1968	---	306 ON APR 17	0 ON FEB 10	2 760 000	1968
1969	---	197 ON APR 29	0 ON APR 4	2 290 000	1969
1970	---	445 ON JUN 2	0 ON APR 5	2 540 000	1970
1971	---	396 ON APR 24	0 ON JAN 1	3 050 000	1971
1972	---	411 ON MAY 5	0 ON JAN 1	2 780 000	1972
1973	---	272 ON MAY 4	0 ON JAN 14	2 850 000	1973
1974	---	337 ON MAY 2	0 ON JAN 26	2 520 000	1974
1975	---	439 ON MAY 6	0 ON JAN 5	2 850 000	1975
1976	---	422 ON APR 22	0 ON JUL 10	2 260 000	1976
1977	---	246 ON NOV 5	0 ON JAN 2	2 080 000	1977
1978	---	303 ON OCT 11	0 ON JAN 1	2 520 000	1978
1979	---	657 ON MAY 1 *	0 ON JAN 1	3 810 000	1979
1980	---	208 ON APR 11	0 ON MAR 29	2 150 000	1980
1981	---	295 ON APR 3	0 ON JAN 4	1 950 000	1981
1982	---	285 ON MAY 12	0 ON AUG 21	2 160 000	1982
1983	---	621 ON JUN 4	0 ON AUG 28	3 320 000	1983
1984	---	302 ON NOV 2	0 ON OCT 7	2 730 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 810 000	MEAN

MISSISSAGI RIVER AT RED ROCK FALLS - STATION NO. 02CC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	---	---	104	---	1960
1961	69.9	70.4	72.7	104	167	132	116	83.7	120	109	139	135	110	1961
1962	88.7	102	112	142	286	108	55.2	44.2	56.0	64.1	53.8	42.3	85.8	1962
1963	48.2	51.5	65.0	182	113	72.9	51.7	46.2	43.0	29.8	23.3	37.9	61.8	1963
1964	54.4	60.3	71.3	216	220	86.0	56.7	43.2	76.7	126	102	116	103	1964
1965	104	119	109	126	302	90.0	55.8	84.3	155	182	185	128	135	1965
1966	114	141	161	219	194	197	57.4	42.6	44.4	61.8	122	188	126	1966
1967	107	117	129	362	305	154	70.3	57.3	48.5	52.7	97.4	83.4	133	1967
1968	86.4	92.7	107	251	151	152	89.2	55.3	60.1	126	110	107	119	1968
1969	105	104	96.8	178	166	136	121	59.5	46.5	88.0	96.3	98.1	106	1969
1970	84.2	92.2	79.3	102	149	262	102	83.1	78.5	124	121	134	116	1970
1971	97.8	114	130	259	295	182	44.0	53.7	51.5	89.6	95.2	121	126	1971
1972	107	111	76.1	157	327	96.5	50.0	92.4	138	91.1	92.8	83.3	118	1972
1973	117	108	174	217	220	154	76.1	141	56.4	89.9	61.1	72.4	123	1973
1974	55.8	61.8	147	191	223	168	72.8	47.0	46.8	58.3	111	100	108	1974
1975	119	114	110	138	295	221	78.8	60.1	31.5	36.0	65.5	104	113	1975
1976	102	98.3	89.5	330	200	106	46.9	40.0	33.3	30.2	24.4	21.1	84.0	1976
1977	25.6	49.6	114	193	86.6	44.0	46.7	39.8	57.5	139	194	128	94.3	1977
1978	103	132	89.2	80.8	213	101	54.8	45.8	98.3	224	103	87.7	111	1978
1979	99.0	116	149	369	376	195	126	78.4	72.8	106	198	151	170	1979
1980	147	93.9	108	172	151	105	46.9	85.3	112	35.9	42.8	33.6	84.2	1980
1981	27.2	54.0	86.0	273	116	126	112	58.5	46.9	81.2	51.9	89.1	80.5	1981
1982	77.0	81.8	87.4	152	219	83.4	43.3	39.8	46.7	131	155	141	102	1982
1983	177	147	137	182	285	351	70.8	47.7	42.7	77.9	86.6	83.5	139	1983
1984	113	118	102	185	101	71.0	116	83.6	85.3	99.2	211	172	118	1984
MEAN	84.6	97.8	109	196	215	141	73.8	59.3	68.2	90.6	106	102	113	MEAN

LOCATION - LAT 48 18 57 N LONG 83 17 27 W
DRAINAGE AREA, 9 010 km^2 REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

MISSISSAGI RIVER AT RED ROCK FALLS - STATION NO 02CC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	---	303 ON MAY 17	0 ON MAR 18 *	3 470 000	1961
1962	---	504 ON MAY 5	0 ON APR 20	3 010 000	1962
1963	---	200 ON APR 8	0 ON JAN 6	1 950 000	1963
1964	---	476 ON MAY 1	3.48 ON APR 5	3 240 000	1964
1965	---	524 ON MAY 4	12.8 ON APR 4	4 270 000	1965
1966	---	510 ON APR 25	35.4 ON SEP 23	4 050 000	1966
1967	---	708 ON MAY 5	26.8 ON OCT 29	4 200 000	1967
1968	---	413 ON APR 17	40.2 ON FEB 4	3 780 000	1968
1969	---	328 ON JUN 30	0 ON APR 4	3 360 000	1969
1970	---	875 ON JUN 3	0 ON APR 4	3 710 000	1970
1971	---	569 ON APR 22	1.87 ON JAN 10	3 980 000	1971
1972	---	594 ON MAY 5	0 ON JAN 9	3 730 000	1972
1973	---	450 ON MAY 4	0 ON OCT 27	3 870 000	1973
1974	---	442 ON MAY 2	0 ON JAN 23	3 390 000	1974
1975	---	531 ON MAY 7	0 ON APR 4	3 560 000	1975
1976	---	576 ON APR 23	0 ON MAR 14	2 870 000	1976
1977	---	360 ON APR 23	0 ON JAN 1	2 870 000	1977
1978	---	405 ON OCT 10	0 ON APR 8	3 500 000	1978
1979	---	972 ON APR 28 *	0 ON JAN 1	5 360 000	1979
1980	---	340 ON APR 12	5.30 ON MAR 28	2 880 000	1980
1981	---	501 ON APR 7	0 ON JAN 4	2 850 000	1981
1982	---	442 ON MAY 2	24.2 ON MAR 11	3 220 000	1982
1983	---	743 ON JUN 3	25.1 ON NOV 5	4 380 000	1983
1984	---	406 ON NOV 2	38.1 ON SEP 9	3 730 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		3 580 000	MEAN

MISSISSAGI RIVER AT ROCKY ISLAND LAKE - STATION NO 02CB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	---	38.8	33.2	33.1	0.036	1.09	---	1950
1951	23.9	51.7	24.7	11.7	17.6	22.0	35.1	42.5	34.7	0.980	51.9	43.4	29.8	1951
1952	39.6	60.8	62.2	22.4	10.8	22.1	32.8	52.5	28.0	44.1	35.9	2.17	34.4	1952
1953	50.0	60.6	58.1	20.0	73.2	60.6	34.4	20.9	19.4	50.4	29.3	18.2	41.2	1953
1954	46.0	50.3	51.8	8.11	0.384	62.5	23.1	22.9	60.4	45.4	38.8	57.3	38.0	1954
1955	63.1	62.7	34.5	6.28	18.6	7.83	6.34	0	0	0	0	11.2	17.3	1955
1956	28.4	53.2	53.1	8.94	0	1.38	34.1	15.2	13.3	24.0	29.2	19.4	23.1	1956
1957	46.0	70.7	46.9	2.43	5.32	4.32	36.8	10.6	37.3	40.6	13.9	0.009	26.1	1957
1958	46.8	69.6	46.6	3.61	23.7	11.1	0	0	0	0	9.29	29.6	20.1	1958
1959	41.2	40.1	23.1	4.48	0	0	0	0	1.82	27.8	38.1	49.8	18.6	1959
1960	58.3	55.9	50.0	5.39	84.6	44.8	26.4	18.0	36.3	37.2	19.5	48.4	40.6	1960
1961	67.3	56.2	26.8	0	5.72	0	70.8	17.7	31.3	28.5	38.3	41.2	28.0	1961
1962	56.2	74.6	73.1	1.71	5.26	37.0	37.5	26.5	25.6	41.4	22.5	12.5	34.7	1962
1963	17.2	31.5	20.7	0.141	15.0	5.33	15.5	19.9	20.5	15.4	2.42	0	13.8	1963
1964	26.3	35.2	21.5	6.37	4.32	1.81	13.0	17.1	29.5	16.3	24.9	34.6	19.6	1964
1965	64.4	60.7	51.9	4.97	0.005	0	6.22	14.7	42.9	43.1	54.4	36.4	33.2	1965
1966	45.4	65.6	56.5	0.887	27.7	64.2	18.7	24.1	30.6	13.9	24.2	67.5	38.1	1966
1967	47.9	61.6	77.6	13.8	28.0	42.6	19.2	26.0	33.2	---	---	---	---	1967
MEAN	46.4	60.1	46.7	7.07	19.1	22.4	21.4	20.6	26.0	27.3	25.4	27.9	26.6	MEAN

LOCATION - LAT 46 52 00 N DRAINAGE AREA, 2 150 km^2 DATA CONTRIBUTED BY - *
LONG 83 08 19 W REGULATED SINCE 1950 ONTARIO HYDRO

MISSISSAGI RIVER AT ROCKY ISLAND LAKE - STATION NO 02CB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	---	74.8 ON FEB 22	0 ON MAR 22 *	841 000	1951
1952	---	92.3 ON AUG 18	0 ON APR 18	1 080 000	1952
1953	---	125 ON MAY 15	0 ON APR 22	1 300 000	1953
1954	---	116 ON OCT 23	0 ON JAN 3	1 200 000	1954
1955	---	86.8 ON JAN 27	0 ON APR 14	546 000	1955
1956	---	92.3 ON MAR 21	0 ON FEB 4	731 000	1956
1957	---	101 ON JUL 8	0 ON APR 5	833 000	1957
1958	---	93.2 ON FEB 14	0 ON APR 11	834 000	1958
1959	---	86.5 ON DEC 18	0 ON APR 15	891 000	1959
1960	---	212 ON MAY 14 *	0 ON APR 14	1 350 000	1960
1961	---	86.6 ON JAN 27	0 ON MAR 30	861 000	1961
1962	---	101 ON MAR 18	0 ON APR 3	1 100 000	1962
1963	---	49.6 ON MAY 28	0 ON MAR 28	436 000	1963
1964	---	58.3 ON DEC 31	0 ON JAN 1	621 000	1964
1965	---	103 ON FEB 4	0 ON APR 15	1 040 000	1965
1966	---	114 ON NOV 30	0 ON MAR 25	1 200 000	1966
1967	---	---	0 ON APR 14	---	1967
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		902 000	MEAN

MISSISSAGI RIVER BELOW AUBREY FALLS - STATION NO. 02CB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1946	---	---	---	---	---	---	---	23.1	18.8	18.2	27.7	39.1 R	---	1946
1947	73.3 R	24.9R	15.4R	32.9	134	171	83.2	35.8	24.0	22.7	19.1	18.0 R	51.8R	1947
1948	15.4 R	12.2R	11 0R	49.7	107	41.3	28.7R	24.3	18.1	13.9	23.7	36.7 R	31.8R	1948
1949	24.5 R	19.5R	18 0R	75.3	111	58.8	42.3	18.4	14 0	18.3	18.3	13.0	35.7R	1949
1950	14.9 R	18.5R	14 8R	28 8	108	109	50.3	47.4	40 2	37 2	9.76	13.8	41.3R	1950
1951	27.5 R	53.3	40 5	97 0	87.0	84.7	55.1	47.5	46.9	38 3R	---	---	---	1951
1963	---	---	---	---	---	---	---	---	---	---	21.2	9 28	7.12	---	1963
1964	23.9	30.9	19 0	38.5	58.8	29 3	30 0	23.2	39.8	38 4	39 4	52.1	35 1	1964
1965	67 2	85 2	59 0	23 4	87.8	28.5	19 4	28.2	58.3	87 1	77 2	54 6	52 9	1965
1966	54.8	93.2	67 0	45 1	76.9	109	32 2	27.0	29 5	24 1	39 7	82.9	58 5	1966
1967	56 6	83 1	88 1	74 9	91.9	87.3	32.1	32 1	32.4	32 8	28 7	43 2	54 9	1967
1968	63 7	85 3	54 8	52 5	43.8	48 5	55 6	33.4	26 6	37 5	40 4	82 2	48 8	1968
1969	55 9	58 5	55 5	8 15	41 6	40 8	54 6	39.4	29.1	33 3	34 2	54 2	41 4	1969
1970	65 1	88 0	36 8	21 0	24 4	87.9	49 5	30.5	22 8	41 0	42 8	52 0	43 3	1970
1971	75 1	82 0	64 5	40 7	70.2	92 2	14 8	28.4	25 0	34 5	35 8	45 3	50 4	1971
1972	63 6	75 0	43 2	20 7	89 6	36 2	25 3	42 9	74 2	40 5	34 9	50 1	47 9	1972
1973	70 1	71 9	67 0	47 6	87 0	72 6	39 3	50 8	24 7	32 5	37 1	27 9	50 8	1973
1974	25 9	55 7	69 2	22 9	64 3	60 7	36 2	26 2	27 8	21 1	31 8	54 6	43 0	1974
1975	71 5	74 6	59 3	14 4	74 7	103	42 9	18 4	20 0	19 8	22 0	40 9	48 7	1975
1976	70 0	70 4	39 5	46 8	87 4	52 2	26 2	23 7	22 5	26 7	11 6	20 8	41 4	1976
1977	17 6	35 6	47 2	21 1	28 7	23 0	22 1	25 2	24 6	41 7	80 5	48 3	33 1	1977
1978	69 5	91 7	52 7	12 6	33 5	32 8	16 7	21 1	43 8	85 6	45 3	39 8	45 3	1978
1979	72 6	87 0	52 9	50 8	183	95 1	58 2	37 7	46 0	32 3	47 4	55 9	58 2	1979
1980	69 7	49 4	54 6	15 1	37 4	60 5	20 8	57 2	81 5	14 2	15 2	10 9	40 6	1980
1981	8 79	31 6	36 3	36 1	35 7	26 5	52 1	33.5	26 6	26 2	14 2	37 3	30 9	1981
1982	53 0	42 4	32 3	17 8	31 9	19 2	14 5	23 5	19 3	30 6	57 7	49 4	32 9	198.
1983	89 6	103	39 5	16 3	82 9	172	38 9	29 1	22 9	26 1	16 5	41 4	57 3	1983
1984	84 5	80 6	40 4	27 0	29.3	21 0	52 6	32 4	23 1	29 6	72 6	58 5	45 9	1984
MEAN	52 9 R	60 2R	46 2R	36 1	70 3	64 4	36 4R	32 2	32 7	32 3R	33 1	41 1 R	45 1	MEAN

LOCATION - LAT 46 54 42 N
LONG 83 12 36 W

DRAINAGE AREA, 4 040 km²
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

R - REVISED SINCE JAN 1980

MISSISSAGI RIVER BELOW AUBREY FALLS - STATION NO 02CB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1946	---	---	---	---	1946
1947	---	212 ON JUN 18	15 3 RB ON DEC 31	1 630 000R	1947
1948	---	133 ON MAY 2	10 3 RB ON MAR 14	1 010 000R	1948
1949	---	144 ON MAY 11	7 70 ON SEP 2	1 120 000R	1949
1950	---	188 ON MAY 30	6 85 ON NOV 12	1 300 000R	1950
1951	---	139 ON APR 14	---	---	1951
1963	---	---	---	---	1963
1964	86 7 AT 03 00 EST ON MAY 28	81 5 ON APR 29	7 62 B ON JAN 1	1 110 000	1964
1965	119 AT 06 00 EST ON SEP 25	118 ON SEP 25	15 1 ON JUL 3	1 670 000	1965
1966	166 AT 22 30 EST ON JUN 10	165 ON JUN 11	8 18 ON SEP 24	1 780 000	1966
1967	119 AT 06 00 EST ON MAR 5	117 ON MAR 5	15 5 ON NOV 18	1 730 000	1967
1968	---	87 5R ON JAN 20	15 5 ON FEB 10	1 540 000	1968
1969	328 AT 21 12 EST ON DEC 23 *	143 ON OCT 24	0 057 ON JUN 7	1 310 000	1969
1970	309 AT 20 57 EST ON JUL 8	178 ON JUL 1	0 079 ON APR 5	1 370 000	1970
1971	308 AT 19 37 EST ON JAN 8	186 ON JAN 29	0 289 ON NOV 28	1 590 000	1971
1972	---	178 ON SEP 5	0 ON JAN 1 *	1 520 000	1972
1973	---	152 ON JAN 8	0 ON JAN 14	1 500 000	1973
1974	---	163 ON MAR 8	0 ON JAN 8	1 380 000	1974
1975	---	152 ON JUN 23	0 ON APR 1	1 470 000	1975
1976	---	166 ON MAY 21	0 ON MAR 20	1 310 000	1976
1977	---	138 ON NOV 4	0 ON JAN 2	1 040 000	1977
1978	---	188 ON OCT 10	0 ON JAN 22	1 430 000	1978
1979	---	345 - ON MAY 1	0 ON MAR 3	2 150 000	1979
1980	---	147 ON AUG 30	0 ON MAR 23	1 280 000	1980
1981	---	134 ON MAR 22	0 ON JAN 1	976 000	1981
1982	---	119 ON JAN 22	0 ON FEB 15	1 040 000	1982
1983	---	351 ON JUN 3 *	0 ON APR 18	1 810 000	1983
1984	---	190 ON FEB 8	0 ON APR 29	1 450 000	1984
				1 420 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

MISSISSAGI RIVER BELOW IRON BRIDGE - STATION NO 02CC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1919	---	---	---	---	---	---	---	---	---	114	226	159	---	1919
1920	59 2	40 7	126	395	311	161	105	35.2	37 1	---	---	---	---	1920
MEAN	59 2	40 7	126	395	311	161	105	35.2	37 1	114	226	159	---	MEAN

LOCATION - LAT 46 15 15 N
LONG 83 11 05 W

DRAINAGE AREA, 8 250 km²
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

MISSISSAGI RIVER BELOW IRON BRIDGE - STATION NO. 02CC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1919	---	---	---	---	1919
1920	---	683 ON APR 3 *	29.2 ON AUG 10 *	---	1920
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

MISSISSAGI RIVER NEAR WHARNCLIFFE - STATION NO. 02CC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1947	---	---	---	---	---	311	134	52.8	36.7	33.8	32.8	31.4	---	1947
1948	25.3	20.7	22.5	145	183	89.8	46.8	37.1	32.3	26.2	52.1	67.4	61.6	1948
1949	44.7	37.7	37.5	188	188	100	75.1	38.5	34.3	34.6	40.3	30.6	70.1	1949
1950	32.6	35.4	3.85	84.2	258	172	78.7	77.7	55.0	---	---	---	---	1950
MEAN	34.2	31.3	21.4	128	218	163	83.2	51.5	39.5	31.5	41.7	43.1	65.9	MEAN

LOCATION - LAT 46 24 50 N
LONG 83 23 35 W
DRAINAGE AREA, 7 100 km^2
REGULATED

MISSISSAGI RIVER NEAR WHARNCLIFFE - STATION NO. 02CC006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1947	---	---	---	---	1947
1948	---	386 ON APR 28 *	20.7 B ON FEB 1	1 850 000	1948
1949	---	332E ON MAY 1	24.8 ON AUG 29	2 210 000	1949
1950	---	358E ON MAY 1	0.283B ON MAR 8 *	---	1950
				2 080 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MISSISSAGUA RIVER BELOW MISSISSAGUA LAKE - STATION NO. 02HH002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	2.35	1.82	3.36	12.4	8.51	5.56	1.90	5.47	3.08	5.42	5.18	---	1972
1973	6.07	5.77	4.49	14.7	4.46	3.12	2.83	1.44	5.86	3.98	2.42	4.60	4.87	1973
1974	4.18	4.83	1.30	13.8	13.1	1.81	2.87	1.98	2.69	3.58	4.14	4.19	4.82	1974
1975	3.43	3.00	4.36	7.13	8.22	0.571	2.65	3.73	1.88	2.58	1.25	1.86	3.38	1975
1976	2.80	3.38	8.54	8.36	5.90	2.46	2.58	3.83	3.37	3.16	1.84	1.88	4.08	1976
1977	1.78	1.83	1.28	4.11	1.84	2.87	1.86	1.76	3.50	2.72	2.56	8.69	2.88	1977
1978	7.84	3.43	1.72	5.77	11.4	2.13	2.82	2.87	5.84	3.71	3.22	4.74	4.82	1978
1979	5.01	4.15	3.21	15.3	4.56	3.98	3.52	3.02	4.88	3.80	5.85	8.83	5.43	1979
1980	7.29	0.691	0.424	13.3	3.32	2.04	1.68	2.58	5.89	4.41	4.23	4.77	4.22	1980
1981	3.40	2.77	5.04	6.85	4.01	2.68	2.87	2.20	5.18	4.97	5.14	4.03	4.17	1981
1982	3.02	2.42	2.51	6.64	4.36	3.52	2.52	4.08	4.28	4.68	5.62	10.6	4.58	1982
1983	8.68	3.28	0.481	8.15	14.2	3.89	3.02	3.06	2.84	0.884	1.13	2.82	4.17	1983
1984	2.89	8.18	6.28	7.33	4.88	2.18	1.83	3.71	6.01	2.85	2.53	3.39	4.18	1984
MEAN	4.85	3.37	3.19	8.78	7.14	3.00	2.81	2.73	4.47	3.35	3.49	5.00	4.28	MEAN

LOCATION - LAT 44 40 30 N
LONG 78 20 45 W
DRAINAGE AREA, 326 km^2
REGULATED

MISSISSAGUA RIVER BELOW MISSISSAGUA LAKE - STATION NO. 02HH002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	28.4 AT 14:44 EST ON JUN 28	26.1 ON JUN 28	0.587 ON APR 9	---	1972
1973	32.0 AT 06:43 EST ON APR 5	31.7 ON APR 5	0.577 ON AUG 4	154 000	1973
1974	29.7 AT 19:10 EST ON APR 19	29.2 ON APR 20	0.507 ON JUN 28	152 000	1974
1975	31.7 AT 19:05 EST ON APR 30	30.8 ON MAY 1	0.462 ON MAY 20	107 000	1975
1976	23.3 AT 08:14 EST ON APR 2	21.6 ON APR 1	1.38 ON SEP 26	128 000	1976
1977	13.8 AT 11:30 EST ON DEC 28	13.4 ON DEC 30	0.184 ON MAY 18	80 000	1977
1978	26.2 AT 21:04 EST ON MAY 16	25.4 ON MAY 17	0.258 ON MAR 30	148 000	1978
1979	25.8 AT 06:30 EST ON APR 7	24.8 ON APR 7	1.06 ON MAR 17	171 000	1979
1980	30.1 AT 02:10 EST ON APR 17	26.8 ON APR 18	0.178 ON FEB 21	134 000	1980
1981	14.2 AT 06:31 EST ON SEP 17	13.9 ON SEP 17	1.14 ON APR 1	132 000	1981
1982	16.0 AT 10:30 EST ON APR 26	16.0 ON APR 28	0.777 ON JUL 9	143 000	1982
1983	33.0 AT 20:57 EST ON MAY 9 *	31.6 ON MAY 10 *	0.344 ON MAR 1	132 000	1983
1984	18.4 AT 23:17 EST ON APR 20	18.2 ON APR 20	0.754 ON APR 4	131 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		135 000	MEAN

MISSISSIPPI RIVER AT APPLETON - STATION NO 02KF006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1918	---	---	---	---	---	---	---	---	---	20 3	30 2	37 8	---	1918
1919	40 6	28 3	52 4	119	120	84 6	19 6	12 7	12 9	13 6	23 9	16 8	45 1	1919
1920	15 7	15 8	35 9	70 3	41 2	20 8	14 4	11 8	10 7	10 1	10 6	13 4	22 5	1920
1921	14 5	8 57	72 3	83 6	52 7	17 0	9 78	12 0	11 3	11 2	11 9	12 6	26 6	1921
1922	11 9	11 2	30 5	108	69 8	31 3	19 7	12 1	8 43	9 74	8 37	7 11	27 3	1922
1923	10 5	9 94	8 57	43 2	55 1	57 4	17 5	8 91	8 90	7 64	6 91	10 9	20 4	1923
1924	15 9	22 1	37 5	102	90 7	28 4	12 4	10 5	9 51	10 0	8 42	7 90	29 6	1924
1925	9 26	11 9	43 0	82 2	40 7	22 6	17 7	14 7	12 2	14 6	43 2	49 7	30 2	1925
1926	28 9	30 0	25 8	84 3	124	42 5	19 8	12 2	11 8	10 4	21 6	26 2	36 5	1926
1927	21 0	32 3	74 3	72 6	57 1	47 9	28 8	23 3	16 4	10 3	29 2	76 2	40 9	1927
1928	45 6	30 9	43 9	161	94 4	33 0	20 1	22 0	15 2	38 9	90 4	83 2	56 5	1928
1929	48 5	40 2	89 7	155	118	45 8	14 2	8 21	9 12	8 34	8 27	7 65	46 0	1929
1930	15 0	22 7	36 7	57 7	45 0	27 8	15 4	7 35	7 88	9 97	7 86	5 61	21 5	1930
1931	7 82	9 97	9 81	61 3	32 3	19 4	9 86	10 9	8 36	10 2	7 80	16 8	17 2	1931
1932	47 9	51 3	34 5	118	80 3	21 2	8 01	7 28	7 29	9 12	17 8	22 5	35 3	1932
1933	30 9	33 4	21 7	135	81 2	22 8	9 77	7 50	7 93	7 90	7 17	7 67	30 9	1933
1934	8 10	9 77	11 8	119	80 9	20 5	9 50	7 85	8 19	8 79	8 40	9 03	23 4	1934
1935	11 8	14 7	31 3	62 5	37 5	26 0	22 3	11 0	8 95	8 77	9 88	21 5	22 4	1935
1936	22 2	17 8	67 4	167	86 4	21 7	12 1	9 05	8 85	8 56	17 3	12 7	37 5	1936
1937	54 7	51 8	31 3	80 2	103	43 3	12 8	8 40	8 03	7 48	35 8	37 9	38 5	1937
1938	24 2	26 6	54 9	105	56 4	17 0	9 27	8 76	8 01	7 21	6 66	8 07	27 6	1938
1939	6 80	12 1	12 2	70 0	103	20 3	9 93	10 4	9 94	9 15	10 6	11 8	23 9	1939
1940	10 3	10 2	11 4	83 1	84 9	79 8	14 5	12 8	13 0	10 2	9 32	10 4	28 1	1940
1941	29 2	27 6	26 9	76 5	20 6	9 71	8 41	9 31	7 82	6 43	9 71	16 6	20 7	1941
1942	25 9	21 1	63 1	111	51 5	24 0	11 3	8 23	8 86	8 84	28 9	31 7	32 0	1942
1943	26 3	30 6	48 8	121	176	84 3	19 2	12 4	11 2	11 1	16 6	17 9	46 3	1943
1944	12 3	11 0	10 4	35 3	55 1	23 4	11 0	9 85	10 3	9 28	9 47	10 4	17 3	1944
1945	10 1	9 12	38 7	75 4	86 1	62 5	27 8	14 2	10 6	26 8	29 7	27 8	35 0	1945
1946	30 6	23 1	89 1	48 7	19 9	14 7	9 38	9 39	9 07	8 28	13 9	21 9	23 3	1946
1947	28 3	41 3	53 5	158	111	80 5	37 8	15 3	11 2	12 0	14 8	15 5	48 1	1947
1948	12 5	15 4	48 4	103	52 9	46 5	15 3	12 3	12 6	12 2	10 6	12 4	28 5	1948
1949	16 3	20 7	33 3	114	80 0	14 0	10 4	9 87	9 71	11 4	8 98	13 2	26 8	1949
1950	43 5	51 4	44 8	125	66 0	23 8	8 07	7 89	8 16	8 19	12 6	22 1	34 9	1950
1951	30 0	37 6	80 4	156	81 6	16 1	10 1	9 60	8 81	9 15	21 0	32 5	40 4	1951
1952	37 8	40 2	48 3	127	58 0	32 5	11 4	10 7	8 88	8 72	9 60	15 8	34 1	1952
1953	15 9	16 2	41 6	65 2	65 8	21 2	14 1	11 1	8 60	10 5	14 0	19 5	24 7	1953
1954	21 5	21 2	40 3	118	78 4	29 3	14 1	11 0	15 3	26 4	41 5	44 8	38 9	1954
1955	35 1	27 4	43 6	136	59 7	16 7	8 54	6 39	6 11	17 2	50 5	21 9	35 4	1955
1956	18 0	14 5	15 2	84 9	107	63 4	12 4	9 65	8 79	11 6	11 7	13 3	30 9	1956
1957	13 4	15 7	23 8	38 7	23 9	13 4	10 4	7 65	7 30	7 21	8 24	12 7	15 2	1957
1958	21 0	20 6	28 4	80 8	39 3	16 4	9 95	7 95	7 57	8 69	10 0	12 6	21 9	1958
1959	11 7	13 3	19 2	92 7	39 4	13 7	10 3	8 41	8 48	8 05	13 6	25 9	21 8	1959
1960	25 8	28 5	33 9	148	80 4	15 0	8 21	7 06	6 92	8 40	8 76	8 45	31 2	1960
1961	6 88	8 05	7 78	47 6	34 4	26 6	11 4	8 52	8 58	8 57	7 73	7 51	16 3	1961
1962	7 21	7 00	8 73	58 8	23 9	8 18	6 08	5 03	5 55	8 19	11 4	16 4	13 8	1962
1963	20 8	17 7	18 7	67 5	32 8	15 0	7 08	6 41	7 40	8 20	11 2	29 4	20 2	1963
1964	24 6	27 4	48 7	51 1	31 8	13 5	8 23	5 43	8 41	8 15	9 95	8 49	19 3	1964
1965	10 2	11 8	21 4	65 0	43 1	11 2	8 20	8 73	8 05	10 2	24 2	49 5	22 4	1965
1966	42 4	33 0	65 5	47 3	29 1	26 6	10 6	7 41	7 82	8 65	11 3	48 4	27 2	1966
1967	43 0	28 0	27 2	80 1	36 0	22 4	33 6	18 3	17 5	34 2	68 4	53 7	74 0	1967
1968	37 8	34 9	50 0	84 0	19 6	15 8	21 3	11 1	16 5	16 1	16 7	26 1	29 1	1968
1969	23 1	29 2	39 7	120	137	58 8	23 2	17 8	11 5	7 44	13 0	19 4	41 7	1969
1970	16 0	18 2	27 6	101	73 5	26 6	10 7	6 68	7 20	9 54	19 9	32 6	29 2	1970
1971	23 8	23 1	39 5	129	112	14 6	5 50	4 98	7 79	9 15	9 10	22 5	33 4	1971
1972	26 0	29 5	31 9	103	121	30 5	31 3	25 1	10 8	12 4	33 7	43 3	41 7	1972
1973	46 3	50 6	116	129	94 5	17 0	6 58	10 6	14 1	12 2	17 1	21 4	41 3	1973
1974	26 0	32 2	62 1	117	115	33 3	12 9	10 5	9 40	7 26	14 6	25 4	38 6	1974
1975	27 6	22 9	38 1	97 7	78 2	18 3	6 50	5 65	7 92	7 80	10 6	19 9	28 4	1975
1976	20 2	24 4	65 4	159	53 0	29 8	13 1	9 76	9 60	14 0	18 4	21 9	38 4	1976
1977	14 5	12 7	65 3	71 5	27 4	10 4	7 56	7 73	8 21	11 1	16 0	33 2	23 9	1977
1978	45 0	54 3	38 2	128	77 9	13 6	8 86	8 24	8 69	7 71	11 0	16 0	33 6	1978
1979	19 4	16 0	61 3	125	58 2	30 4	8 42	7 93	8 35	14 1	23 9	45 5	35 1	1979
1980	46 5	23 4	55 1	81 9	79 2	16 6	16 1	13 7	13 2	12 5	28 8	32 8	35 2	1980
1981	25 1	65 5	100	33 1	26 6	33 6	18 2	13 0	60 0	42 8	83 9	40 8	43 3	1981
1982	30 4	23 8	25 9	103	65 0	28 6	11 4	8 72	10 4	11 2	22 0	45 8	31 2	1982
1983	66 5	47 0	54 3	66 1	101	26 1	7 07	6 36	6 94	6 18	21 0	39 4	37 8	1983
1984	27 6	46 8	64 9	158	97 4	27 6	7 89	7 89	6 96	7 46	10 8	16 5	39 9	1984
MEAN	25 0	25 5	41 5	97 2	67 8	28 3	13 6	10 3	10 4	11 6	18 8	26 0	31 2	MEAN

LOCATION - LAT 45 10 36 N DRAINAGE AREA, 2 900 km²
LONG 76 07 27 W REGULATED

MISSISSIPPI RIVER AT APPLETON - STATION NO. 02KF005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1918	---	---	---	---	1918
1919	---	184 ON MAY 29	3.96 ON OCT 13	1 420 000	1919
1920	---	89.8 ON MAR 30	4.53 ON AUG 22	712 000	1920
1921	---	125 ON MAR 29	5.078 ON FEB 13	836 000	1921
1922	---	153 ON APR 25	2.83 ON SEP 24	862 000	1922
1923	---	75.6 ON JUN 17	2.69 ON APR 1	845 000	1923
1924	---	118 ON APR 13	5.768 ON DEC 7	936 000	1924
1925	---	104 ON APR 2	6.17 ON SEP 8	852 000	1925
1926	---	212 ON APR 28	7.33 ON OCT 20	1 150 000	1926
1927	---	148 ON MAR 23	8.27 ON OCT 31	1 280 000	1927
1928	---	280 ON APR 13 *	12.0 ON SEP 9	1 780 000	1928
1929	---	182 ON APR 10	2.27 ON NOV 3 *	1 450 000	1929
1930	---	75.3 ON APR 13	4.98 ON AUG 14	679 000	1930
1931	---	82.1 ON APR 15	3.80 ON OCT 25	842 000	1931
1932	---	182 ON APR 18	4.42 ON SEP 18	1 120 000	1932
1933	---	176 ON APR 23	4.06 ON SEP 3	975 000	1933
1934	---	176 ON APR 18	6.43 ON JUL 22	738 000	1934
1935	---	73.3 ON MAR 30	5.10 ON NOV 3	705 000	1935
1936	---	219 ON APR 3	5.35 ON SEP 20	1 190 000	1936
1937	---	128 ON MAY 13	3.77 ON SEP 19	1 250 000	1937
1938	---	185 ON MAR 30	3.23 ON DEC 25	870 000	1938
1939	---	183 ON MAY 1	3.23 ON JAN 8	756 000	1939
1940	---	151 ON APR 24	6.29 ON NOV 3	919 000	1940
1941	---	106 ON APR 20	4.53 ON SEP 7	853 000	1941
1942	---	122 ON APR 8	7.16 ON AUG 16	1 010 000	1942
1943	---	169 ON MAY 5	9.51 ON JUL 11	1 530 000	1943
1944	---	88.8 ON APR 30	6.57 ON DEC 8	548 000	1944
1945	---	107 ON MAY 23	8.128 ON FEB 1	1 100 000	1945
1946	---	104 ON MAR 21	7.18 ON JUL 1	734 000	1946
1947	---	217 ON APR 17	9.51 ON SEP 8	1 520 000	1947
1948	---	138 ON APR 1	8.17 ON NOV 7	935 000	1948
1949	---	138 ON APR 6	8.17 ON NOV 13	844 000	1949
1950	---	152 ON APR 8	6.29 ON OCT 8	1 100 000	1950
1951	---	185 ON APR 13	8.17 ON OCT 6	1 270 000	1951
1952	---	159 ON APR 11	7.02 ON NOV 1	1 080 000	1952
1953	---	117 ON APR 1	6.88 ON SEP 12	778 000	1953
1954	---	185 ON APR 18	9.51 ON JUL 22	1 210 000	1954
1955	---	188 ON APR 11	4.67 ON SEP 17	1 130 000	1955
1956	---	134 ON APR 21	8.33 ON SEP 30	977 000	1956
1957	---	49.3 ON APR 11	5.97 ON OCT 13	478 000	1957
1958	---	96.6 ON APR 10	5.89 ON SEP 21	689 000	1958
1959	---	130 ON APR 14	4.81 ON OCT 11	890 000	1959
1960	228 AT 22:00 EST ON APR 22	227 ON APR 22	4.93 ON AUG 21	988 000	1960
1961	67.1 AT 16:00 EST ON APR 23	66.8 ON APR 23	3.51 ON FEB 25	481 000	1961
1962	78.4 AT 10:25 EST ON APR 17	78.4 ON APR 15	3.85 ON AUG 5	434 000	1962
1963	113 AT 04:00 EST ON APR 7	112 ON APR 7	5.10 ON AUG 10	536 000	1963
1964	70.5 AT 03:00 EST ON APR 21	70.2 ON APR 21	4.50 ON AUG 4	608 000	1964
1965	107 AT 22:00 EST ON APR 19	107 ON APR 20	5.49 ON AUG 10	708 000	1965
1966	73.6 AT 18:00 EST ON MAR 26	72.8 ON MAR 25	6.06 ON OCT 13	858 000	1966
1967	97.4 AT 23:30 EST ON APR 8	96.8 ON APR 8	14.3 ON JUN 8	1 230 000	1967
1968	157 AT 18:30 EST ON APR 4	155 ON APR 4	9.26 ON AUG 30	920 000	1968
1969	164 AT 17:00 EST ON MAY 2	162 ON MAY 2	6.48 ON OCT 13	1 310 000	1969
1970	169 AT 03:00 EST ON APR 25	167 ON APR 25	4.64 ON AUG 23	920 000	1970
1971	218 AT 01:45 EST ON APR 26	216 ON APR 25	4.45 ON AUG 5	1 060 000	1971
1972	195 AT 09:50 EST ON APR 25	194 ON APR 25	7.87 ON SEP 28	1 330 000	1972
1973	181 AT 21:30 EST ON MAR 21	169 ON MAR 21	6.85 ON JUL 21	1 300 000	1973
1974	164 AT 18:10 EST ON APR 21	163 ON APR 21	5.83 ON OCT 20	1 220 000	1974
1975	181 AT 08:00 EST ON APR 26	181 ON APR 26	5.07 ON AUG 6	897 000	1975
1976	238 AT 23:42 EST ON APR 5 *	236 ON APR 5	7.58 ON AUG 30	1 150 000	1976
1977	121 AT 12:00 EST ON MAR 21	120 ON MAR 21	5.84 ON JUL 26	752 000	1977
1978	182 AT 07:28 EST ON APR 25	181 ON APR 25	4.39 ON JUL 30	1 070 000	1978
1979	163 AT 08:11 EST ON APR 8	163 ON APR 8	5.98 ON JUL 23	1 110 000	1979
1980	158 AT 22:17 EST ON MAR 25	156 ON MAR 27	7.66 ON OCT 23	1 110 000	1980
1981	204 AT 00:15 EST ON MAR 1	202 ON FEB 28	10.2 ON AUG 5	1 370 000	1981
1982	154 AT 17:51 EST ON APR 25	152 ON APR 25	6.50 ON AUG 21	988 000	1982
1983	136 AT 03:17 EST ON MAY 15	135 ON MAY 14	4.51 ON JUL 30	1 180 000	1983
1984	198 AT 12:03 EST ON APR 22	198 ON APR 22	4.48 ON SEP 30	1 260 000	1984
				984 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MISSISSIPPI RIVER AT FERGUSONS FALLS - STATION NO. 02KF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	15.0	15.1	13.2	12.0	13.3	---	1915
1916	19.7	33.7	30.6	146	108	35.7	58.7	17.0	11.0	10.8	7.72	8.31	44.0	1916
1917	8.43	14.6	27.7	121	84.4	35.8	16.7	12.2	9.22	10.8	15.3	10.8	27.7	1917
1918	12.0	18.0	45.1	137	83.8	18.1	17.8	11.0	15.7	18.8	38.4	37.8	34.8	1918
1919	38.4	18.8	47.2	119	133	77.1	17.0	12.8	10.3	---	---	---	---	1919
1983	83.8	42.8	47.7	98.0	92.3	22.8	8.12	7.73	7.17	8.87	18.7	34.0	34.2	1983
1984	24.8	47.1	87.7	144	81.8	23.3	7.86	8.07	8.78	7.71	10.3	12.9	35.8	1984
MEAN	28.8	28.3	41.0	121	87.2	45.7	20.4	11.8	10.7	11.2	16.4	19.1	35.2	MEAN

LOCATION - LAT 45 03 10 N DRAINAGE AREA, 3 830 km^2
LONG 76 17 11 W REGULATED

REMARKS - 1915-19 CONTRIBUTED BY ONTARIO HYDRO

MISSISSIPPI RIVER AT FERGUSONS FALLS - STATION NO 02KF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	165 ON APR 20	3 99 ON DEC 31	1 390 000	1916
1917	---	147 ON APR 3	3 05 ON JAN 10 *	873 000	1917
1918	---	176 ON APR 8	8 44 ON AUG 20	1 090 000	1918
1919	---	199 ON MAY 26 *	---	---	1919
1983	128 AT 22 05 EST ON MAY 12	125 ON MAY 12	4 13 ON OCT 23	1 080 000	1983
1984	194 AT 19 50 EST ON APR 9 *	192 ON APR 10	5 82 ON OCT 1	1 130 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 110 000	MEAN

MISSISSIPPI RIVER AT GALETTA - STATION NO 02KF002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	14 1	17 8	15 4	12 5	12 1	14 3	---	1915
1916	22 3	36 6	27 5	158	102	77 7	53 8	18 2	11 4	11 3	9 20	9 66	44 6	1916
1917	8 91	9 83	32 2	126	65 1	31 9	16 1	12 1	8 52	13 4	16 8	12 7	29 7	1917
1918	10 0	14 3	47 8	180	51 5	15 7	14 4	13 9	16 0	25 9	35 0	38 2	30 9	1918
1919	32 1	19 5	57 3	126	127	76 4	16 9	11 1	11 1	---	---	---	---	1919
MEAN	16 3	20 1	41 2	142	86 4	50 4	23 4	14 6	12 5	15 8	16 7	16 7	37 1	MEAN

LOCATION - LAT 45 25 00 N LONG 76 15 00 W
DRAINAGE AREA, 3 780 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

MISSISSIPPI RIVER AT GALETTA - STATION NO 02KF002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	191 ON APR 12	5 55 ON OCT 8	1 410 000	1916
1917	---	180 ON MAR 28	5 85 ON JAN 7	935 000	1917
1918	---	274 ON APR 7 *	6 00 ON JUN 26 *	1 160 000	1918
1919	---	208 ON MAY 23	---	---	1919
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 170 000	MEAN

MISSISSIPPI RIVER AT RAGGED CHUTE - STATION NO 02KF007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1919	---	---	---	---	---	---	---	---	---	12 1	5 69	7 94	---	1919
1920	10 7	7 53	6 45	9 04	15 3	10 2	8 25	9 13	7 76	4 56	8 31	5 43	8 58	1920
1921	5 21	5 68	12 2	31 6	24 6	9 91	7 41	9 61	7 51	7 92	7 43	5 83	11 2	1921
1922	8 34	8 72	8 08	40 1	34 8	15 4	10 3	9 67	8 51	5 47	8 60	5 90	12 8	1922
1923	8 80	5 00	3 90	5 65	22 0	24 5	8 38	5 47	5 77	6 64	5 35	5 62	8 78	1923
1924	7 97	10 7	15 0	23 5	42 2	9 40	7 37	6 34	4 79	6 43	4 78	6 87	12 1	1924
1925	7 19	8 36	4 97	32 1	15 2	7 21	14 2	5 95	7 73	5 38	15 2	12 8	11 3	1925
1926	19 5	14 8	13 8	16 5	45 2	19 8	12 2	5 11	5 94	5 89	6 18	8 80	14 3	1926
1927	12 8	16 0	16 7	22 3	20 6	16 5	12 3	13 6	8 89	5 70	5 75	25 2	15 1	1927
1928	16 2	17 3	26 7	86 5	42 2	13 6	8 50	11 4	9 80	13 7	34 8	25 2	23 8	1928
1929	22 4	25 9	32 8	65 4	45 7	24 4	8 89	6 39	4 59	5 88	5 48	4 42	20 6	1929
1930	8 75	17 0	9 28	6 37	22 0	9 38	7 72	6 16	8 92	8 11	6 39	5 12	9 39	1930
1931	5 82	9 02	8 52	3 65	2 28	5 00	5 65	9 02	10 8	8 53	6 27	7 47	8 96	1931
1932	15 5	25 1	16 4	33 6	31 7	7 16	5 63	5 54	5 74	5 75	4 46	5 62	13 5	1932
1933	17 6	25 6	14 6	40 1	33 3	11 8	5 85	4 76	5 44	6 61	5 70	8 24	14 7	1933
1934	6 11	7 73	10 6	16 5	24 9	11 5	7 33	6 19	5 83	6 66	5 04	4 99	9 55	1934
1935	6 43	10 9	16 4	11 2	10 4	9 24	8 26	5 82	4 76	5 04	8 63	10 2	8 94	1935
1936	13 2	14 1	23 1	53 2	38 6	10 7	7 79	6 66	6 18	4 91	5 35	8 57	15 7	1936
1937	17 6	27 6	13 1	9 30	46 3	21 3	8 21	5 50	5 13	10 4	16 9	20 3	16 5	1937
1938	12 6	13 1	16 6	36 5	29 6	8 08	7 35	8 94	5 85	4 13	4 88	3 87	12 4	1938
1939	6 47	10 2	8 32	8 78	26 0	8 73	8 76	7 98	7 42	6 61	7 17	7 76	9 10	1939
1940	7 18	9 21	10 1	8 78	31 4	32 4	8 84	8 68	10 2	8 95	8 61	8 61	12 2	1940
1941	8 86	16 7	17 8	10 2	3 68	5 31	8 29	8 70	7 98	4 09	4 28	8 80	8 21	1941
1942	10 2	15 8	14 8	33 8	13 6	14 0	7 13	7 28	7 44	6 75	13 4	16 4	13 3	1942
1943	12 0	16 8	15 6	32 3	78 8	23 0	8 63	8 01	7 31	7 85	4 91	9 86	18 5	1943
1944	11 4	8 62	8 22	5 83	8 18	7 26	8 63	8 58	7 48	7 56	6 84	4 72	7 26	1944
1945	8 88	8 44	4 85	11 8	26 2	20 3	10 7	4 54	7 69	10 3	13 8	13 3	11 2	1945
1946	16 8	14 7	13 8	14 4	4 11	8 88	8 71	7 85	8 88	8 78	8 23	8 34	8 88	1946
1947	11 0	17 7	26 6	43 2	32 8	28 4	8 78	8 88	8 88	7 87	11 8	10 2	17 8	1947
1948	8 88	11 1	13 8	26 8	23 3	13 7	8 81	8 88	7 47	8 96	8 78	4 78	11 1	1948
1949	10 1	14 0	13 8	24 3	14 0	4 80	8 88	7 88	8 88	8 73	8 98	8 82	10 3	1949
1950	16 2	24 8	21 0	23 1	20 8	7 17	8 28	8 88	8 74	8 86	12 8	9 43	13 8	1950
1951	10 8	14 8	20 1	49 5	25 2	4 28	8 42	5 10	7 78	8 18	12 4	15 2	14 9	1951
1952	18 0	21 6	18 4	24 8	11 8	10 8	8 01	4 70	8 15	7 70	8 81	10 0	12 4	1952
1953	13 2	12 1	8 88	4 88	18 8	7 84	7 87	7 71	7 73	8 21	11 8	10 4	8 81	1953
1954	13 8	14 4	12 1	21 1	23 8	8 88	7 88	8 88	10 7	8 81	6 97	20 2	13 3	1954
1955	21 8	20 1	18 8	28 8	17 8	13 0	8 03	4 82	7 43	6 88	17 8	14 1	14 8	1955
1956	13 8	18 7	15 2	8 28	38 8	21 8	8 84	8 28	8 48	12 0	8 18	11 1	13 8	1956
1957	13 8	15 0	13 2	---	---	---	---	---	---	---	---	---	---	1957
MEAN	11 8	14 8	14 3	24 4	28 1	13 0	7 83	7 12	7 00	7 28	8 83	8 88	12 8	MEAN

LOCATION - LAT 44 56 28 N LONG 76 43 38 W
DRAINAGE AREA, 1 040 km^2
REGULATED

MISSISSIPPI RIVER AT RAGGED CHUTE - STATION NO. 02KF007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1919	---	---	---	---	1919
1920	---	21.7 ON AUG 12	3.45E ON DEC 12	271 000	1920
1921	---	44.7 ON APR 26	3.45 ON OCT 29	355 000	1921
1922	---	103 ON APR 23 *	3.45 ON FEB 2	405 000	1922
1923	---	38.2 ON MAY 22	3.45 ON FEB 24	276 000	1923
1924	---	71.4 ON MAY 2	3.48 ON JUL 11	384 000	1924
1925	---	44.2 ON APR 19	3.17 ON MAR 19	357 000	1925
1926	---	58.9E ON MAY 9	3.51 ON AUG 31	452 000	1926
1927	---	34.8E ON DEC 14	4.76 ON NOV 13	475 000	1927
1928	---	87.8 ON APR 14	5.52 ON JUL 5	751 000	1928
1929	---	74.8 ON APR 14	2.18 ON DEC 6	657 000	1929
1930	---	28.0 ON MAY 7	3.54 ON DEC 10	296 000	1930
1931	---	17.4 ON SEP 27	1.73 ON APR 22	219 000	1931
1932	---	48.8 ON APR 28	3.17 ON JUN 12	426 000	1932
1933	---	63.7 ON APR 18	3.00 ON JUL 21	484 000	1933
1934	---	41.3 ON MAY 6	2.49 ON DEC 7	301 000	1934
1935	---	21.1 ON MAR 31	4.05 ON OCT 24	282 000	1935
1936	---	68.2 ON APR 23	3.37 ON OCT 28	495 000	1936
1937	---	55.8 ON MAY 9	4.45 ON SEP 28	520 000	1937
1938	---	40.8 ON APR 15	3.09 ON DEC 10	392 000	1938
1939	---	35.1 ON MAY 15	3.03 ON JUN 24	267 000	1939
1940	---	58.9 ON JUN 3	3.74 ON APR 16	384 000	1940
1941	---	23.6 ON FEB 27	1.95 ON AUG 30	259 000	1941
1942	---	38.8 ON APR 21	3.94 ON MAY 21	420 000	1942
1943	---	93.4 ON MAY 4	3.54 ON NOV 1	614 000	1943
1944	---	19.1 ON MAY 22	1.59 ON DEC 24 *	230 000	1944
1945	---	35.4 ON MAY 19	2.65 ON AUG 3	352 000	1945
1946	---	23.6 ON APR 8	3.54 ON APR 30	284 000	1946
1947	---	57.8 ON APR 26	4.33 ON AUG 24	551 000	1947
1948	---	53.2 ON MAY 27	2.35 ON APR 28	352 000	1948
1949	---	34.0 ON MAY 1	3.17 ON JUN 10	325 000	1949
1950	---	43.9 ON MAY 1	3.37 ON JUL 3	434 000	1950
1951	---	83.3 ON APR 19	3.45 ON MAY 27	488 000	1951
1952	---	53.5E ON APR 21	3.09E ON JUL 13	393 000	1952
1953	---	28.9E ON MAY 8	1.95E ON APR 14	310 000	1953
1954	---	32.3E ON APR 20	3.62E ON JUN 15	420 000	1954
1955	---	49.3 ON APR 27	3.82 ON JUL 23	462 000	1955
1956	---	48.4 ON MAY 9	4.22 ON SEP 28	427 000	1956
1957	---	18.8 ON FEB 27	9.32 ON MAR 23	---	1957
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		399 000	MEAN

E - ESTIMATED

MISSISSIPPI RIVER NEAR SNOW ROAD STATION - STATION NO. 02KF003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	8.81	9.33	---	7.16	8.26	---	1915
1916	10.2	12.1	11.5	61.8	49.6	47.1	30.6	11.9	8.11	7.88	4.18	2.68	21.4	1916
1917	3.03	4.84	10.8	40.4	31.9	13.1	9.93	8.81	7.05	6.33	7.31	8.24	12.5	1917
1918	7.44	9.91	12.5	52.3	24.9	8.83	10.8	10.6	12.7	8.29	9.32	15.7	15.3	1918
1919	15.3	8.95	24.0	48.8	60.6	37.6	10.5	9.27	7.31	---	---	---	---	1919
MEAN	8.99	8.95	14.7	50.8	41.8	26.7	15.5	9.88	8.90	7.49	8.99	8.22	18.4	MEAN

LOCATION - LAT 44 56 26 N DRAINAGE AREA, 1 280 km^2 DATA CONTRIBUTED BY -
LONG 76 41 16 W REGULATED ONTARIO HYDRO

REMARKS - STATION FORMERLY CALLED "MISSISSIPPI RIVER NEAR SNOW ROAD"

MISSISSIPPI RIVER NEAR SNOW ROAD STATION - STATION NO. 02KF003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	83.3 ON APR 26	2.07 ON DEC 29	677 000	1916
1917	---	58.3 ON APR 26	2.04 ON JAN 1 *	394 000	1917
1918	---	71.6 ON APR 9	5.97 ON JAN 28	482 000	1918
1919	---	98.8 ON MAY 27 *	---	---	1919
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		518 000	MEAN

MOIRA RIVER AT TWEED - STATION NO. 02HL101

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	---	---	---	---	8.74	---	---	1968
1969	---	---	---	---	75.5	17.8	8.27	3.69	3.15	1.88	5.69	---	---	1969
1970	---	---	---	73.8	31.9	10.5	5.84	2.58	2.82	1.94	10.3	32.3	---	1970
1971	---	---	---	124	34.0	8.13	2.99	2.50	2.61	3.52	4.05	18.4	---	1971
1972	18.7	13.2	13.9	125	60.9	14.7	15.7	10.8	4.00	5.80	28.8	28.6	28.1	1972
1973	39.0	32.1	137	75.6	26.1	8.96	2.45	2.32	1.59	1.23	8.09	19.3	29.4	1973
1974	28.6	22.2	54.4	110	66.4	14.3	4.95	2.38	2.56	4.01	11.7	15.8	28.1	1974
1975	17.4	15.4	82.1	114	37.8	7.04	1.39	1.26	0.901	0.721	1.30	8.30	22.1	1975
1976	---	---	101	127	21.6	5.79	2.27	2.20	2.01	3.93	4.37	---	---	1976
1977	---	---	---	41.2	10.3	2.81	1.50	---	---	---	---	---	---	1977
MEAN	25.4	20.7	73.7	98.8	40.5	9.76	4.82	3.45	2.43	2.88	8.75	20.1	28.9	MEAN

LOCATION - LAT 44 28 19 N
LONG 77 19 11 W
DRAINAGE AREA, 1 770 km²
REGULATED
DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

MOIRA RIVER AT TWEED - STATION NO. 02HL101

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	112 AT 01:00 EST ON APR 18	---	---	---	1970
1971	---	---	---	---	1971
1972	277E AT 12:30 EST ON APR 20	275E ON APR 20	2.14 ON SEP 29	889 000	1972
1973	308 AT 11:01 EST ON MAR 19	303 ON MAR 19	1.03 ON OCT 12	925 000	1973
1974	244 AT 04:30 EST ON APR 6	236 ON APR 6	1.80 ON AUG 22	886 000	1974
1975	294 AT 18:00 EST ON APR 21	281 ON APR 22	0.541 ON OCT 11 *	897 000	1975
1976	439 AT 23:49 EST ON APR 22 *	430 ON APR 2 *	1.18 ON OCT 6	---	1976
1977	---	200 ON MAR 16	---	---	1977
				849 000	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MOIRA RIVER NEAR DELORO - STATION NO. 02HL005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	0.312	3.46	6.75	6.04	---	1965
1966	3.54	2.11	9.95	6.22	4.20	1.38	0.080	0.017	0.018	0.019	2.74	11.1	3.47	1966
1967	2.36	2.76	3.17	13.7	4.62	1.92	1.71	0.292	0.288	3.32	8.10	5.79	4.28	1967
1968	2.39	3.40	8.59	7.87	2.16	2.31	1.04	0.158	0.272	0.280	1.38	2.99	2.73	1968
1969	2.93	4.12	6.09	14.5	11.4	2.61	1.06	0.414	0.085	0.248	1.81	2.44	3.85	1969
1970	0.951	1.03	1.28	13.4	5.40	0.862	1.34	0.220	0.045	0.241	2.70	3.47	2.58	1970
1971	1.60	1.41	2.82	19.8	4.90	0.503	0.087	0.019	0.041	0.138	0.589	3.53	2.84	1971
1972	2.32	1.72	1.77	18.5	10.5	2.45	2.75	1.37	0.388	1.38	5.26	4.85	4.44	1972
1973	7.04	4.45	18.0	10.3	3.42	1.20	0.184	0.043	0.011	0.087	1.42	2.88	4.08	1973
1974	4.56	3.34	5.88	16.8	10.4	2.10	0.440	0.145	0.159	1.10	3.15	2.73	4.21	1974
1975	3.43	2.59	8.92	17.6	5.80	0.884	0.093	0.041	0.027	0.044	0.149	1.98	3.46	1975
1976	1.41	2.56	13.0	16.9	3.81	0.543	0.300	0.078	0.089	0.183	0.488	0.792	3.35	1976
1977	0.415	0.367	10.3	7.77	1.44	0.113	0.050	0.048	0.088	0.884	3.17	5.88	2.54	1977
1978	5.89	3.64	3.57	21.3	5.68	0.807	0.052	0.026	0.193	0.814	2.46	2.47	3.96	1978
1979	3.27	1.94	14.3	17.6	5.74	1.84	0.125	0.131	0.081	0.463	2.34	5.53	4.43	1979
1980	3.63	0.884	10.2	12.9	4.74	0.725	0.314	0.248	0.103	0.918	2.85	3.61	3.43	1980
1981	1.18	16.5	5.91	6.56	3.13	2.45	0.680	0.285	3.75	4.04	5.32	2.80	4.37	1981
1982	1.28	0.814	2.64	18.3	3.71	1.72	0.202	0.138	0.118	0.380	4.63	10.6	3.76	1982
1983	5.11	4.25	8.00	9.92	11.8	2.16	0.139	0.080	0.044	0.075	0.883	2.70	3.73	1983
1984	1.12	5.90	5.20	19.6	7.22	0.948	0.162	0.209	0.157	0.076	1.08	2.51	3.81	1984
MEAN	2.87	3.41	7.44	14.2	5.85	1.44	0.569	0.208	0.310	1.04	2.83	4.33	3.88	MEAN

LOCATION - LAT 44 30 00 N
LONG 77 37 03 W
DRAINAGE AREA, 308 km²
NATURAL FLOW

MOIRA RIVER NEAR DELORO - STATION NO. 02HL005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	27.0 AT 23:59 EST ON DEC 10	26.4 ON DEC 10	0.008 ON AUG 19	109 000	1966
1967	26.3 AT 03:30 EST ON APR 5	25.2 ON APR 4	0.054 ON SEP 25	134 000	1967
1968	25.6 AT 02:30 EST ON MAR 31	25.3 ON MAR 31	0.085 ON AUG 18	86 300	1968
1969	34.3 AT 05:40 EST ON MAY 20	32.8 ON MAY 20	0.034 ON OCT 8	125 000	1969
1970	22.6 AT 18:19 EST ON APR 18	22.4 ON APR 18	0.024 ON SEP 20	81 400	1970
1971	30.9 AT 03:50 EST ON APR 21	30.6 ON APR 21	0.008 ON AUG 25	92 700	1971
1972	40.5 AT 05:32 EST ON APR 20	40.2 ON APR 20	0.178 ON SEP 18	140 000	1972
1973	38.6 AT 23:30 EST ON MAR 18	37.1 ON MAR 18	0.007 ON SEP 14 *	129 000	1973
1974	31.4 AT 15:17 EST ON APR 17	31.4 ON APR 17	0.062 ON AUG 25	133 000	1974
1975	42.8 AT 22:03 EST ON APR 20	41.9 ON APR 21	0.015 ON SEP 11	109 000	1975
1976	50.4 AT 22:16 EST ON APR 2	49.6 ON APR 2	0.048E ON AUG 25	108 000	1976
1977	28.2B AT 23:50 EST ON MAR 18	27.7B ON MAR 18	0.028E ON AUG 1	80 000	1977
1978	40.2 AT 01:55 EST ON APR 22	39.6 ON APR 22	0.011E ON AUG 16	125 000	1978
1979	43.5 AT 03:49 EST ON MAR 26	42.8 ON MAR 26	0.010E ON SEP 26	140 000	1979
1980	---	46.0B ON MAR 22	0.038E ON SEP 26	109 000	1980
1981	52.6 AT 00:52 EST ON FEB 25 *	51.6 ON FEB 25 *	0.094 ON SEP 1	138 000	1981
1982	34.0 AT 08:58 EST ON APR 21	33.7 ON APR 21	0.033 ON AUG 18	119 000	1982
1983	21.7 AT 19:17 EST ON MAY 5	21.5 ON MAY 5	0.023 ON JUL 29	118 000	1983
1984	42.8 AT 11:42 EST ON APR 7	42.3 ON APR 7	0.053 ON AUG 4	121 000	1984
				116 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MOIRA RIVER NEAR FOXBORO - STATION NO. 02HL001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	---	---	8.37	11.6	14.2	---	1915
1916	32.6	56.3	29.0	183	89.3	107	32.5	7.47	3.88	3.07	4.40	10.1	42.9	1916
1917	9.52	7.53	54.4	133	36.4	21.7	10.5	3.52	1.79	3.89	16.5	8.25	25.7	1917
1918	2.05	4.22	66.8	130	37.1	17.4	11.5	4.57	6.38	15.8	36.3	80.4	32.1	1918
1919	36.3	14.2	78.0	100	101	39.6	8.48	3.49	1.48	1.61	22.0	19.5	35.6	1919
1920	5.45	4.80	66.5	75.7	33.4	8.03	6.50	2.78	0.942	1.55	4.47	20.2	19.2	1920
1921	19.2	9.50	110	74.8	31.2	8.60	3.57	1.85	1.87	4.10	9.47	19.8	24.7	1921
1922	8.04	6.65	64.7	158	49.1	17.6	5.30	2.64	1.22	0.929	1.14	1.05	28.3	1922
1923	1.14	1.63	8.88	97.2	54.2	42.1	7.63	1.58	1.31	2.12	2.28	22.5	20.0	1923
1924	23.6	25.1	52.2	108	58.4	22.4	6.83	3.47	2.88	10.4	5.63	7.28	27.0	1924
1925	3.31	19.6	94.3	83.2	30.6	15.6	7.00	4.39	4.35	7.78	53.8	42.8	31.4	1925
1926	18.6	13.2	23.3	148	75.8	22.7	7.88	4.58	6.34	15.1	82.4	41.7	38.1	1926
1927	18.4	20.1	108	80.9	39.8	32.8	21.5	14.5	5.57	6.57	35.8	81.2	37.1	1927
1928	45.9	23.6	71.5	170	51.5	27.2	23.3	38.4	15.5	89.7	70.9	54.3	59.2	1928
1929	52.7	27.6	121	131	95.5	23.5	7.24	3.90	3.20	2.40	5.33	4.25	40.6	1929
1930	42.2	31.4	58.7	87.2	46.3	18.4	6.73	2.75	2.43	2.62	1.89	1.58	28.6	1930
1931	1.08	1.08	8.56	57.7	36.9	18.5	6.00	3.37	2.77	3.38	10.6	27.2	14.8	1931
1932	78.4	82.0	32.0	147	46.2	11.8	5.11	4.86	2.38	5.38	34.7	44.2	39.2	1932
1933	36.5	20.0	20.0	178	56.8	12.3	3.45	1.53	1.11	1.02	1.28	4.87	27.7	1933
1934	8.88	4.62	34.9	162	38.0	14.1	5.85	1.99	2.80	2.07	3.48	14.1	24.2	1934
1935	14.7	11.1	71.5	58.4	26.0	30.4	22.1	7.83	2.74	2.07	18.8	27.9	24.6	1935
1936	10.9	9.09	148	162	49.2	13.3	3.68	1.73	1.56	5.98	26.1	13.6	36.8	1936
1937	105	48.7	24.4	107	94.3	23.2	8.99	4.06	2.73	3.38	32.5	20.3	39.3	1937
1938	12.0	47.6	88.2	87.6	31.1	12.1	4.40	3.80	3.81	5.21	5.33	5.78	28.0	1938
1939	7.85	6.26	10.3	155	76.8	15.5	5.51	5.92	3.52	4.32	5.57	5.60	25.0	1939
1940	3.57	1.81	2.78	144	92.0	88.5	13.2	4.59	3.17	2.78	8.45	23.5	30.8	1940
1941	47.6	13.8	15.7	87.2	15.3	3.86	3.06	1.78	1.19	1.97	18.0	29.1	19.8	1941
1942	29.4	12.2	96.3	73.3	40.9	31.2	8.41	2.05	2.57	3.33	36.7	21.4	29.7	1942
1943	18.4	23.3	76.8	148	158	42.3	7.83	3.47	1.37	2.95	8.91	8.45	41.6	1943
1944	3.07	3.13	14.4	71.5	62.2	16.0	8.45	2.88	1.84	1.85	1.14	2.82	15.8	1944
1945	3.15	3.17	75.4	77.2	70.8	50.2	22.4	8.95	8.17	47.3	30.5	20.5	35.1	1945
1946	24.1	15.3	84.8	41.0	22.2	14.3	4.08	2.08	1.83	1.91	6.88	23.9	21.1	1946
1947	29.1	38.1	43.3	185	76.2	72.5	26.0	20.5	5.37	4.00	4.72	8.48	42.4	1947
1948	7.88	8.10	111	115	86.9	27.0	9.90	3.80	1.82	1.82	4.88	8.54	30.7	1948
1949	20.7	29.5	58.8	118	34.3	7.24	3.42	2.21	1.84	2.33	3.81	39.4	28.7	1949
1950	84.5	33.0	39.0	157	38.4	13.4	4.53	2.90	2.48	1.80	4.27	20.8	33.4	1950
1951	33.8	25.8	82.2	170	57.7	16.8	19.5	5.72	8.11	7.45	36.2	40.3	41.9	1951
1952	40.2	45.4	54.9	167	44.0	21.7	4.83	3.20	2.74	2.05	2.20	15.9	33.5	1952
1953	14.2	15.6	51.8	70.4	54.0	23.5	11.2	6.89	4.28	4.07	6.29	21.2	23.8	1953
1954	13.3	25.9	77.8	128	48.4	11.8	3.71	2.67	5.25	21.8	35.1	32.2	33.7	1954
1955	24.4	14.0	68.0	137	31.6	11.1	3.55	2.34	2.10	62.7	52.8	19.6	35.5	1955
1956	13.5	7.22	13.1	141	102	59.1	9.35	5.91	6.81	3.68	4.87	15.6	31.8	1956
1957	18.4	22.0	48.4	65.8	33.2	14.0	9.30	2.89	2.93	3.23	7.77	43.4	22.8	1957
1958	32.3	12.7	34.5	88.7	35.6	8.37	3.35	1.81	3.06	1.98	3.86	7.10	18.5	1958
1959	8.07	8.05	22.8	149	42.5	7.57	4.45	1.76	1.82	3.21	15.2	28.9	24.2	1959
1960	14.8	25.2	22.5	218	89.8	19.8	6.31	3.06	0.859	0.795	1.58	2.07	31.8	1960
1961	1.81	4.94	21.3	88.2	81.9	28.9	8.05	4.93	3.76	3.03	3.55	11.2	18.3	1961
1962	7.05	5.32	30.8	102	38.6	8.23	2.70	2.38	2.11	3.88	23.5	23.4	19.9	1962
1963	12.0	8.81	28.7	92.7	45.0	13.4	2.88	2.21	2.13	1.63	7.71	18.1	19.8	1963
1964	18.6	19.5	44.3	87.7	42.8	11.7	2.70	1.31	1.87	1.82	2.05	8.91	18.5	1964
1965	13.9	28.8	35.9	119	45.4	8.18	3.41	1.93	4.07	22.4	48.7	83.4	32.7	1965
1966	37.3	19.7	80.6	46.7	27.0	16.8	1.89	1.23	1.48	1.52	20.3	88.1	28.7	1966
1967	28.1	29.1	27.9	105	40.1	16.5	16.1	4.33	4.24	27.2	84.4	48.0	34.1	1967
1968	25.4	31.1	65.0	88.1	20.9	24.7	15.8	3.59	3.66	4.58	13.1	28.8	25.1	1968
1969	21.6	32.6	54.4	113	97.9	29.1	10.1	8.88	3.17	3.14	12.3	21.7	33.8	1969
1970	10.8	14.1	24.0	103	49.8	14.0	8.24	3.32	3.12	3.68	18.0	27.5	23.2	1970
1971	18.7	19.7	32.7	157	50.8	8.32	3.15	2.12	3.47	4.73	8.18	28.8	27.7	1971
1972	24.1	18.0	22.0	151	81.7	23.8	21.1	18.8	8.59	13.8	44.8	44.2	38.9	1972
1973	54.4	48.0	143	89.6	36.2	12.7	2.89	2.35	1.88	1.89	8.71	19.4	34.9	1973
1974	31.3	32.8	73.4	127	82.8	18.7	8.57	2.75	2.48	4.74	11.8	19.8	34.5	1974
1975	24.0	19.9	78.4	118	51.4	11.2	1.87	1.84	1.77	1.50	3.04	14.1	27.0	1975
1976	15.3	32.2	118	144	33.5	9.88	4.01	2.54	2.20	4.24	8.74	7.73	31.3	1976
1977	7.93	8.05	93.4	86.7	16.9	3.81	1.88	2.80	2.71	8.88	19.2	48.4	33.3	1977
1978	51.7	41.7	40.9	183	86.5	8.14	2.02	1.75	1.90	2.83	11.8	19.8	33.4	1978
1979	27.5	20.8	117	131	46.5	18.2	1.83	1.40	1.28	5.08	15.7	41.7	29.3	1979
1980	42.8	13.0	82.0	88.8	44.5	13.1	5.55	3.19	3.53	7.47	20.8	34.9	30.7	1980
1981	14.0	108	86.9	82.2	29.4	23.3	12.0	8.70	43.8	27.6	48.0	28.8	36.4	1981
1982	19.7	14.1	34.3	148	40.8	21.5	5.98	3.89	4.14	5.25	25.3	88.8	32.7	1982
1983	52.1	38.1	88.9	72.2	78.4	22.5	3.23	2.09	1.25	2.88	9.71	39.1	31.8	1983
1984	20.8	78.7	87.9	149	86.8	17.0	7.38	5.84	5.88	2.88	8.89	18.8	37.1	1984
MEAN	24.1	22.3	58.2	115	52.6	21.7	8.17	4.83	3.83	7.72	17.8	25.0	30.1	MEAN

LOCATION - LAT 44 15 14 N DRAINAGE AREA, 2 620 km²
LONG 77 25 10 W REGULATED

MOIRA RIVER NEAR FOXBORO - STATION NO. 02HL001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	237 ON APR 5	2.24 ON OCT 6	1 380 000	1916
1917	---	294 ON MAR 30	1.50 ON OCT 7	811 000	1917
1918	---	243 ON APR 3	1.78 ON FEB 5	1 010 000	1918
1919	---	188 ON MAY 26	0.589 ON SEP 20	1 120 000	1919
1920	---	202 ON MAR 28	0.425 ON SEP 9 *	808 000	1920
1921	---	179 ON MAR 23	1.30 ON AUG 5	777 000	1921
1922	---	231 ON APR 20	0.623 ON OCT 23	829 000	1922
1923	---	154 ON APR 12	0.851 ON OCT 10	631 000	1923
1924	---	142 ON APR 10	2.21 ON SEP 24	855 000	1924
1925	---	183 ON MAR 30	1.70 ON AUG 30	980 000	1925
1926	---	260 ON APR 26	3.77 ON AUG 21	1 200 000	1926
1927	---	237 ON MAR 20	4.50 ON SEP 15	1 170 000	1927
1928	---	311 ON APR 9	10.3 ON SEP 9	1 740 000	1928
1929	---	235 ON MAR 24	1.47 ON OCT 20	1 290 000	1929
1930	---	157 ON APR 10	1.47 ON NOV 28	839 000	1930
1931	---	73.6 ON APR 6	1.08 B ON JAN 1	467 000	1931
1932	---	237 ON APR 14	1.50 ON SEP 14	1 240 000	1932
1933	---	218 ON APR 9	0.510 ON OCT 15	873 000	1933
1934	---	223 ON APR 14	1.58 ON AUG 23	762 000	1934
1935	---	148 ON MAR 26	1.58 ON OCT 20	775 000	1935
1936	---	351 ON MAR 31	1.05 ON SEP 7	1 170 000	1936
1937	---	189 ON JAN 17	1.58 ON OCT 17	1 240 000	1937
1938	---	272 ON MAR 25	1.95 ON SEP 10	821 000	1938
1939	---	261 ON APR 24	2.35 ON SEP 25	789 000	1939
1940	---	236 ON APR 21	1.81 B ON FEB 1	988 000	1940
1941	---	125 ON APR 9	0.595 ON SEP 24	626 000	1941
1942	---	188 ON MAR 21	0.963 ON SEP 7	938 000	1942
1943	---	219 ON APR 4	0.708 ON OCT 11	1 310 000	1943
1944	---	114 ON APR 28	0.821 ON NOV 2	499 000	1944
1945	---	185 ON MAR 22	2.72 ON SEP 13	1 110 000	1945
1946	---	159 ON MAR 18	1.22 ON OCT 7	665 000	1946
1947	---	292 ON APR 10	3.03 ON OCT 28	1 340 000	1947
1948	---	314 ON MAR 25	1.27 ON SEP 24	970 000	1948
1949	---	189 ON MAR 31	1.36 ON SEP 25	841 000	1949
1950	---	267 ON APR 8	1.23 ON OCT 30	1 050 000	1950
1951	---	239 ON APR 3	4.36 ON AUG 30	1 320 000	1951
1952	---	292 ON APR 8	1.23 ON NOV 2	1 060 000	1952
1953	---	143 ON MAR 30	2.74 ON SEP 19	752 000	1953
1954	---	196 ON APR 20	1.80 ON AUG 22	1 060 000	1954
1955	---	264 ON APR 7	1.10 ON SEP 10	1 120 000	1955
1956	---	197 ON APR 8	3.17 ON OCT 26	1 010 000	1956
1957	114 AT 19:00 EST ON DEC 27	113 ON DEC 27	1.42 ON SEP 1	713 000	1957
1958	140 AT 15:00 EST ON APR 3	140 ON APR 3	1.19 ON AUG 24	615 000	1958
1959	249 AT 08:00 EST ON APR 9	247 ON APR 9	1.22 ON SEP 30	764 000	1959
1960	286 AT 05:00 EST ON APR 9	286 ON APR 9	0.481 ON SEP 28	1 000 000	1960
1961	83.3 AT 12:00 EST ON MAY 22	82.4 ON APR 20	0.9488 ON FEB 14	578 000	1961
1962	188 AT 01:00 EST ON APR 2	185 ON APR 2	1.14 ON SEP 9	828 000	1962
1963	214 AT 22:00 EST ON APR 2	212 ON APR 2	1.25 ON OCT 30	817 000	1963
1964	92.9 AT 07:00 EST ON APR 17	92.0 ON APR 17	0.442 ON SEP 3	585 000	1964
1965	221 AT 01:00 EST ON APR 16	218 ON APR 16	1.19 ON AUG 1	1 030 000	1965
1966	163 AT 22:30 EST ON DEC 12	160 ON DEC 12	0.470 ON AUG 1	805 000	1966
1967	167 AT 20:00 EST ON APR 5	165 ON APR 5	2.21 ON SEP 16	1 070 000	1967
1968	154 AT 14:00 EST ON MAR 31	152 ON MAR 31	2.28 ON SEP 15	794 000	1968
1969	193 AT 09:47 EST ON MAY 22	191 ON MAY 22	1.41 ON SEP 12	1 070 000	1969
1970	129 AT 03:46 EST ON APR 13	129 ON APR 13	1.53 ON SEP 15	733 000	1970
1971	250 AT 11:45 EST ON APR 16	249 ON APR 16	1.14 ON AUG 13	873 000	1971
1972	266 AT 08:11 EST ON APR 21	263 ON APR 21	3.45 ON SEP 28	1 230 000	1972
1973	253 AT 15:30 EST ON MAR 20	251 ON MAR 20	1.04 ON OCT 12	1 100 000	1973
1974	215 AT 03:57 EST ON APR 8	212 ON APR 7	1.63 ON AUG 23	1 090 000	1974
1975	220 AT 06:47 EST ON APR 23	219 ON APR 23	0.974 ON JUL 18	852 000	1975
1976	343 AT 22:04 EST ON APR 3	343 ON APR 3	1.81 ON AUG 29	880 000	1976
1977	208 AT 23:55 EST ON MAR 17	204 ON MAR 18	1.04 ON JUL 29	736 000	1977
1978	214 AT 01:25 EST ON APR 24	213 ON APR 24	1.20 ON AUG 23	1 050 000	1978
1979	233 AT 00:42 EST ON MAR 28	229 ON MAR 28	0.832 ON SEP 12	1 110 000	1979
1980	312 AT 14:27 EST ON MAR 24	306 ON MAR 24	2.32 ON AUG 27	971 000	1980
1981	386 AT 15:25 EST ON FEB 26 *	384 ON FEB 26 *	3.01 ON JUL 26	1 210 000	1981
1982	199 AT 21:45 EST ON APR 23	197 ON APR 23	2.42 ON OCT 14	1 030 000	1982
1983	112 AT 10:55 EST ON MAY 8	111 ON MAY 7	0.625 ON SEP 15	996 000	1983
1984	248 AT 07:16 EST ON APR 9	247 ON APR 9	2.18 ON OCT 20	1 170 000	1984
				950 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

MOIRA RIVER NEAR THOMASBURG - STATION NO. 02HL104

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	42.4	98.7	88.6	22.0	8.47	4.28	3.77	1.77	6.84	15.8	---	1968
1970	---	---	---	88.0	40.3	10.3	5.88	2.37	2.18	2.58	11.1	30.3	---	1970
MEAN	---	---	42.4	93.4	63.5	16.2	6.18	3.33	1.98	2.18	8.97	23.1	---	MEAN

LOCATION - LAT 44 26 27 N, LONG 77 18 35 W DRAINAGE AREA, 3 210 km^2, REGULATED

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

MOIRA RIVER NEAR THOMASBURG - STATION NO. 02HL104

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	116 AT 04:00 EST ON APR 18 *	114 ON APR 17 *	---	---	1970
				---	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTREAL RIVER AT ALGOMA CENTRAL AND HUDSON BAY RAILWAY - STATION NO. 02BE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	73.5	83.9	43.2	30.5	---	---	70.8	57.4	---	1915
1916	23.0	19.2	19.4	116	160	79.2	31.0	22.9	29.6	39.6	62.3	42.6	53.7	1916
1917	26.1	16.2	10.4	25.2	84.7	104	70.5	36.6	36.1	38.6	26.2	16.9	41.3	1917
1918	---	---	---	41.7	133	135	76.9	35.1	48.9	86.0	71.2	44.8	---	1918
1919	32.6	29.4	32.0	86.0	102	36.1	20.7	---	---	---	---	---	---	1919
1920	---	---	---	---	---	---	---	8.81	11.6	11.4	11.2	11.7	---	1920
1921	11.1	11.2	11.9	---	---	36.3	10.1	8.43	6.98	15.5	14.8	14.8	---	1921
1922	14.8	---	---	---	211	31.5	47.2	19.5	9.51	12.9	18.9	---	---	1922
1923	---	---	---	83.1	187	33.6	18.1	---	---	---	---	---	---	1923
1930	---	---	---	---	---	---	62.5	13.3	12.6	27.2	28.5	15.0R	---	1930
1931	8.81	8.21	8.52	89.0	87.6	29.7	10.9	5.07	26.8	53.0	97.0	85.0	37.5	1931
1932	34.1	22.3	16.9	88.7	127	29.6	14.4	11.4	10.3	26.4	39.0	22.0R	35.2R	1932
1933	16.5 R	10.1	8.17	100	177	46.2	15.3	6.12	4.91	21.7	38.1	14.2	38.5R	1933
1934	9.97	9.23	7.39	15.8	183	37.1	11.7	---	---	---	---	52.8R	---	1934
1935	16.1	10.8	10.3	88.7	117	88.0	48.8	17.1	14.5	---	---	---	---	1935
MEAN	19.5 R	15.2	14.0	85.6	134	57.9	34.5	17.7	19.3	31.3	43.1	32.5R	41.3	MEAN

R - REVISED SINCE JAN 1980

LOCATION - LAT 47 16 30 N, LONG 84 26 00 W; DRAINAGE AREA, 2 850 km^2; NATURAL FLOW

MONTREAL RIVER AT ALGOMA CENTRAL AND HUDSON BAY RAILWAY - STATION NO. 02BE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	345E ON APR 28	9.71 ON AUG 7	1 700 000	1916
1917	---	149 ON JUN 5	5.55E ON MAR 3	1 300 000	1917
1918	---	242 ON JUN 3	---	---	1918
1919	---	---	---	---	1919
1920	---	---	---	---	1920
1921	---	---	3.06E ON AUG 30 *	---	1921
1922	---	---	8.92 ON SEP 30	---	1922
1923	---	---	---	---	1923
1930	---	314 ON MAY 3	---	---	1930
1931	---	199 ON JUN 28	---	---	1931
1932	---	194E ON NOV 27	4.28E ON AUG 20	1 180 000	1932
1933	---	185 ON MAY 3	8.13 ON SEP 20	1 120 000R	1933
1934	---	241 ON MAY 3	3.88 ON SEP 18	1 210 000R	1934
1935	---	348 ON MAY 6 *	---	---	1935
		217 ON APR 30	---	---	MEAN
				1 300 000R	

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980
E - ESTIMATED

MONTREAL RIVER AT ELK LAKE - STATION NO. 02JD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1937	---	---	---	---	---	---	---	---	---	44.7	85.7	48.0	---	1937
1938	22.9	22.9	31.8	174	148	79.6	30.2	25.4	21.4	18.9	22.7	22.7	51.7	1938
1939	22.5	21.3	19.9	31.9	182	120	71.9	23.4	20.8	31.5	38.5	23.7	50.8	1939
1940	23.1	17.8	15.8	20.4	119	117	64.0	26.7	25.7	28.4	35.7	32.5	43.8	1940
1941	23.4	21.1	18.7	128	123	48.5	72.0	61.0	74.1	123	120	77.4	73.4	1941
1942	42.7	26.1	25.0	110	102	45.9	27.1	17.8	18.5	17.2	22.7	22.8	39.5	1942
1943	20.9	18.8	17.1	36.7	120	78.0	45.7	20.6	21.1	19.5	24.7	21.4	37.1	1943
1944	19.1	17.0	17.8	38.3	120	50.9	26.1	20.3	21.4	23.3	24.7	22.1	33.4	1944
1945	20.2	15.8	32.6	122	111	135	35.7	20.4	18.8	25.0	41.8	25.1	50.4	1945
1946	23.8	20.8	43.8	73.8	76.3	61.8	36.9	22.9	22.5	21.9	23.2	48.4	39.5	1946
1947	25.1	20.2	22.0	48.9	230	208	61.7	30.0	21.3	18.8	15.7	10.8	59.4	1947
1948	12.0	11.3	12.8	84.2	108	42.0	32.8	27.8	22.8	15.8	15.0	24.8	32.2	1948
1949	23.7	24.4	28.8	100	148	72.8	57.2	18.8	18.7	18.3	12.4	14.2	44.7	1949
1950	15.4	15.4	15.3	28.8	181	83.2	44.8	22.7	22.1	19.2	19.2	20.1	40.8	1950
1951	19.1	20.2	23.3	187	128	83.3	52.0	40.1	39.3	99.3	88.7	80.1	87.7	1951
1952	28.8	28.2	24.0	84.2	120	56.9	27.1	22.2	18.8	18.6	23.2	26.3	39.9	1952
1953	23.0	21.7	33.3	143	133	52.0	33.9	27.8	20.3	15.1	17.6	21.8	46.2	1953
1954	22.1	20.7	33.1	108	147	91.8	48.7	23.6	21.1	83.9	77.2	40.1	59.8	1954
1955	26.0	23.1	15.1	88.8	74.2	38.8	22.5	18.4	9.79	18.8	38.8	31.7	33.8	1955
1956	23.4	19.2	19.4	38.2	173	81.0	48.3	36.0	32.1	41.8	28.8	20.4	47.4	1956
1957	20.5	18.4	25.8	80.0	98.6	---	---	---	---	---	---	---	---	1957
MEAN	22.8	20.0	23.7	84.2	132	80.7	43.8	26.0	24.7	35.0	38.3	30.8	46.9	MEAN

LOCATION - LAT 47 43 33 N, LONG 80 19 28 W; DRAINAGE AREA, 4 120 km^2; REGULATED

MONTREAL RIVER AT ELK LAKE - STATION NO. 02JD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1937	---	---	---	---	1937
1938	---	281 ON MAY 1	18.0 ON OCT 25	1 830 000	1938
1939	---	250 ON MAY 11	16.6 ON MAR 29	1 610 000	1939
1940	---	189 ON MAY 26	14.1 ON APR 14	1 380 000	1940
1941	---	262 ON APR 22	18.7 B ON MAR 1	2 310 000	1941
1942	---	197 ON APR 27	14.9 ON AUG 27	1 250 000	1942
1943	---	176 ON MAY 8	15.7 ON MAR 25	1 170 000	1943
1944	---	182 ON MAY 2	15.0 ON FEB 20	1 080 000	1944
1945	---	297 ON MAY 30 *	18.3 ON FEB 5	1 590 000	1945
1946	---	150 ON MAY 28	17.6 ON FEB 28	1 250 000	1946
1947	---	264 ON MAY 18	8.30 ON NOV 30	1 870 000	1947
1948	---	152 ON APR 28	7.82 ON FEB 16	1 020 000	1948
1949	---	212 ON MAY 2	11.7 ON NOV 9	1 410 000	1949
1950	---	244 ON MAY 13	12.9 ON JAN 2	1 290 000	1950
1951	---	274 ON APR 17	17.4 ON JAN 18	2 130 000	1951
1952	---	185 ON APR 23	14.1 ON AUG 30	1 280 000	1952
1953	---	181 ON APR 16	13.1 ON OCT 12	1 430 000	1953
1954	---	215 ON APR 24	16.3 ON SEP 16	1 880 000	1954
1955	---	189 ON APR 21	7.36 ON SEP 13 *	1 070 000	1955
1956	---	235 ON MAY 16	14.4 ON FEB 26	1 500 000	1956
1957	---	239 ON APR 28	15.6 ON FEB 8	---	1957
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 480 000	MEAN

MONTREAL RIVER AT INDIAN CHUTE - STATION NO. 02JD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	36.0	19.5	32.5	21.5	20.9	18.6	---	1923
1924	18.7	17.6	16.0	37.5	84.6	35.6	18.3	15.6	16.1	16.3	16.5	20.5	26.2	1924
1925	15.4	12.9	13.6	63.2	87.5	72.8	46.2	29.4	17.9	18.8	21.4	25.6	33.6	1925
1926	16.6	16.7	16.4	15.7	98.2	74.0	56.8	31.5	18.9	16.1	24.5	27.5	34.5	1926
1927	23.8	19.7	25.3	96.0	118	51.1	31.1	20.6	23.1	25.5	32.7	38.3	42.1	1927
1928	33.6	30.8	24.9	58.4	258	103	107	46.7	84.3	138	100	53.0	66.7	1928
1929	29.5	24.6	21.2	73.5	138	99.6	61.3	28.1	30.3	50.6	57.5	32.0	53.9	1929
1930	18.7	20.2	21.6	46.1	137	105	115	39.6	24.4	22.8	24.4	22.9	50.1	1930
1931	19.6	17.1	13.6	57.6	108	56.0	26.7	19.5	20.6	27.4	46.5	---	---	1931
1932	---	---	---	59.0	89.0	28.3	20.4	23.0	30.4	66.5	85.6	36.0	---	1932
1933	26.1	21.9	22.6	88.3	110	56.2	33.6	31.9	20.6	17.1	18.7	19.7	39.0	1933
1934	18.7	18.1	16.6	26.3	179	46.5	23.0	17.4	16.9	23.9	38.0	41.3	38.2	1934
1935	19.4	15.7	17.4	42.6	83.2	40.0	33.2	19.5	12.7	18.7	20.1	19.4	28.6	1935
1936	16.4	14.7	13.3	26.0	180	59.4	26.0	17.9	15.6	14.6	16.4	19.1	35.2	1936
1937	19.0	15.6	14.2	42.3	94.4	31.1	25.7	42.1	30.4	37.5	51.6	43.9	37.5	1937
1938	21.2	21.1	25.3	136	116	63.4	27.2	23.0	17.6	15.6	17.5	20.4	42.4	1938
1939	20.4	19.3	17.8	24.5	147	86.1	60.2	21.6	19.6	26.2	32.5	20.2	41.6	1939
1940	20.7	18.7	16.2	15.3	92.9	96.4	54.7	16.0	22.3	24.3	35.0	26.6	36.2	1940
1941	20.6	19.4	17.3	106	105	45.4	60.6	45.4	63.0	99.3	98.2	63.2	62.1	1941
1942	34.3	20.4	21.1	87.5	83.1	39.6	22.1	14.2	11.6	12.5	20.2	19.1	32.2	1942
1943	16.3	14.7	13.4	25.2	98.7	86.5	40.2	18.1	18.9	17.7	19.5	19.4	31.2	1943
1944	17.1	14.4	15.6	29.6	96.6	43.2	22.6	18.7	18.6	19.1	20.5	19.4	28.0	1944
1945	18.6	14.3	25.6	103	91.2	115	34.0	18.5	18.6	22.7	36.8	22.6	43.2	1945
1946	21.6	18.7	36.6	80.1	67.2	52.6	31.4	21.0	20.6	20.2	19.7	36.6	33.9	1946
1947	20.6	16.6	20.1	36.6	199	174	52.3	27.3	20.6	18.2	13.3	8.74	51.0	1947
1948	10.6	10.2	12.1	52.6	92.6	37.6	26.6	23.7	19.6	12.4	10.3	20.1	27.6	1948
1949	19.3	20.4	23.7	77.6	126	61.4	49.0	17.6	16.6	13.7	9.91	11.6	37.3	1949
1950	12.6	12.6	13.2	21.7	151	74.3	41.6	20.7	20.4	17.1	15.6	15.9	34.9	1950
1951	18.1	18.6	20.9	144	108	54.6	44.7	33.2	32.7	66.7	62.1	51.6	57.6	1951
1952	26.2	24.7	21.6	62.6	96.9	46.7	29.7	20.7	16.6	14.6	16.0	20.0	33.6	1952
1953	20.0	20.0	27.0	114	116	46.3	30.2	26.3	16.2	12.0	14.3	17.2	36.4	1953
1954	16.6	16.0	26.6	63.6	126	74.3	42.4	23.4	19.4	67.6	66.6	32.6	50.1	1954
1955	21.6	16.2	11.6	73.7	62.3	32.6	21.6	17.4	7.66	13.2	26.3	26.4	27.6	1955
1956	16.9	16.3	16.6	26.1	144	77.6	36.9	29.2	26.4	33.2	22.6	16.2	36.9	1956
1957	16.6	13.3	23.6	---	---	---	---	---	---	---	---	---	---	1957
MEAN	20.3	18.0	19.4	61.2	117	65.3	40.6	24.6	23.4	31.2	34.0	28.6	40.6	MEAN

LOCATION - LAT 47 50 30 N
LONG 80 27 00 W

DRAINAGE AREA, 3 420 km^2
REGULATED

MONTREAL RIVER AT INDIAN CHUTE - STATION NO. 02JD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	125 ON APR 30	12.7 ON JUL 28	828 000	1924
1925	---	104 ON JUN 17	12.9 B ON JAN 30	1 080 000	1925
1926	---	122 ON MAY 18	15.0 ON SEP 30	1 090 000	1926
1927	---	183 ON APR 22	14.3 ON OCT 31	1 330 000	1927
1928	---	331 ON MAY 12 *	20.7 ON MAR 17	2 740 000	1928
1929	---	181 ON MAY 2	18.4 ON SEP 5	1 700 000	1929
1930	---	187 ON MAY 6	18.7 B ON JAN 1	1 580 000	1930
1931	---	124 ON MAY 13	---	---	1931
1932	---	121 ON APR 24	---	---	1932
1933	---	188 ON APR 21	15.5 ON OCT 23	1 230 000	1933
1934	---	300 ON MAY 7	14.0 ON SEP 12	1 230 000	1934
1935	---	136 ON MAY 1	11.8 ON SEP 18	903 000	1935
1936	---	243 ON MAY 15	13.3 B ON MAR 1	1 110 000	1936
1937	---	168 ON MAY 1	14.2 B ON MAR 1	1 180 000	1937
1938	---	234 ON MAY 1	13.6 ON NOV 7	1 340 000	1938
1939	---	210 ON MAY 10	13.6 ON APR 9	1 320 000	1939
1940	---	141 ON MAY 27	12.5 ON AUG 17	1 150 000	1940
1941	---	216 ON APR 22	17.3 B ON MAR 1	1 960 000	1941
1942	---	162 ON APR 25	10.8 ON AUG 19	1 010 000	1942
1943	---	148 ON MAY 7	12.2 ON OCT 26	983 000	1943
1944	---	155 ON MAY 3	14.3 ON NOV 6	885 000	1944
1945	---	236 ON MAY 30	14.3 B ON FEB 1	1 380 000	1945
1946	---	133 ON MAY 28	13.5 ON JUL 17	1 070 000	1946
1947	---	240 ON MAY 18	4.53 ON NOV 27	1 810 000	1947
1948	---	138 ON APR 28	6.23 ON NOV 14	873 000	1948
1949	---	184 ON MAY 2	7.93 ON DEC 5	1 180 000	1949
1950	---	200 ON MAY 11	11.0 ON NOV 19	1 100 000	1950
1951	---	235 ON APR 17	16.1 B ON JAN 1	1 810 000	1951
1952	---	143 ON APR 26	4.87 ON AUG 29	1 080 000	1952
1953	---	162 ON APR 18	8.10 ON SEP 25	1 210 000	1953
1954	---	174 ON APR 26	8.10 ON AUG 22	1 580 000	1954
1955	---	143 ON APR 21	0.425 ON SEP 25 *	878 000	1955
1956	---	203 E ON MAY 19	9.03 ON MAR 4	1 230 000	1956
1957	---	28.38 ON MAR 14	12.0 B ON JAN 20	---	1957
				1 280 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTREAL RIVER AT INDIAN CHUTE PLANT - STATION NO. 02JD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1936	---	---	---	---	---	---	---	---	---	14.8	15.1	17.3	---	1936
1937	17.8	13.1	11.2	44.4	105	27.3	22.2	40.1	28.2	33.6	46.3	39.1	36.1	1937
1938	19.9	19.1	21.8	147	130	84.4	23.4	20.4	18.2	---	---	---	---	1938
1939	---	---	---	---	---	---	---	---	---	23.6	32.3	18.3	---	1939
1940	19.3	12.7	11.3	12.2	91.8	95.7	48.7	18.5	17.8	19.4	27.1	23.2	33.3	1940
1941	18.5	17.7	14.2	108	107	37.8	52.4	42.2	58.7	94.3	93.4	60.3	58.0	1941
1942	33.2	19.5	20.3	83.7	80.5	35.3	18.1	12.2	9.88	9.75	18.8	18.9	30.0	1942
1943	18.0	13.9	11.8	23.0	95.3	83.3	35.7	16.4	17.0	15.3	17.4	17.5	28.8	1943
1944	14.8	12.3	14.5	27.2	91.7	37.8	19.8	16.3	16.8	16.8	17.3	17.9	25.3	1944
1945	16.8	12.9	22.3	97.1	89.3	101	26.1	16.2	14.2	21.1	33.8	21.6 *	39.4	1945
1946	21.4	18.4	35.6	58.7	87.4	84.6	33.1	20.0	19.2	19.0	18.7	35.8	33.4	1946
1947	19.7	16.1	20.1	37.6	209	173	48.4	24.9	16.2	16.1	11.8	9.19	50.3	1947
1948	10.4	9.91	12.1	48.8	91.8	38.1	28.4	23.4	20.4	11.0	8.05	20.3	27.0	1948
1949	18.8	19.1	23.3	75.7	125	60.5	50.9	15.9	16.3	13.5	9.56	11.2	36.7	1949
1950	12.2	12.1	12.7	20.2	149	89.0	41.3	22.2	21.6	16.9	14.7	17.0	34.3	1950
1951	16.1	16.6	21.0	153	105	41.1	37.1	29.0	31.1	91.4	85.0	61.1	56.7	1951
1952	24.7	24.7	21.4	68.4	95.4	35.7	21.6	20.3	19.2	18.1	20.0	20.9	32.5	1952
1953	19.8	20.6	28.1	114	118	51.8	29.8	28.1	15.7	12.5	15.2	17.8	39.1	1953
1954	16.4	16.0	26.6	68.0	127	68.2	37.4	20.9	17.8	83.1	85.7	30.8	48.7	1954
1955	21.3	17.3	8.97	71.0	85.6	36.2	22.3	17.3	4.94	9.20	26.2	26.0	27.1	1955
1956	20.1	16.0	17.5	28.0	150	77.4	34.7	29.1	27.0	33.8	23.4	17.8	39.7	1956
1957	16.1	13.4	23.6	68.0	79.8	---	---	---	---	---	---	---	---	1957
MEAN	18.9	16.3	19.0	68.7	109	61.5	33.2	22.8	20.6	27.7	30.1	24.6	37.8	MEAN

LOCATION - LAT 47 50 30 N
LONG 80 26 50 W
DRAINAGE AREA, 3 420 km^2
REGULATED
DATA CONTRIBUTED BY - GREAT NORTHERN POWER COMPANY

MONTREAL RIVER AT INDIAN CHUTE PLANT - STATION NO. 02JD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1936	---	---	---	---	1936
1937	---	189 ON MAY 1	9.06 ON FEB 18	1 140 000	1937
1938	---	278 ON APR 30 *	13.9 ON SEP 14	---	1938
1939	---	---	---	---	1939
1940	---	153 ON MAY 27	8.23 ON APR 8	1 050 000	1940
1941	---	250 ON APR 22	13.3 ON MAR 2	1 880 000	1941
1942	---	163 ON APR 27	8.21 ON AUG 19	946 000	1942
1943	---	151 ON MAY 9	7.08 ON MAR 24	909 000	1943
1944	---	146 ON MAY 1	9.08 ON DEC 25	799 000	1944
1945	---	238 ON MAY 30	9.34 ON FEB 5	1 240 000	1945
1946	---	148 ON MAY 27	4.25 ON JUL 17	1 050 000	1946
1947	---	286 ON MAY 19	4.53 ON NOV 23	1 590 000	1947
1948	---	141 ON MAY 2	2.15 ON NOV 7	855 000	1948
1949	---	187 ON MAY 1	5.15 ON DEC 26	1 180 000	1949
1950	---	217 ON MAY 13	5.86 ON JAN 1	1 080 000	1950
1951	---	266 ON APR 18	10.7 ON AUG 26	1 790 000	1951
1952	---	165 ON APR 26	5.04 ON AUG 29	1 030 000	1952
1953	---	164 ON MAY 9	8.68 ON SEP 26	1 230 000	1953
1954	---	191 ON APR 26	4.64 ON FEB 14	1 530 000	1954
1955	---	139 ON APR 21	0.255 ON SEP 25 *	856 000	1955
1956	---	211 ON MAY 19	7.59 ON MAR 1	1 260 000	1956
1957	---	224 ON APR 29	9.57 ON FEB 10	---	1957
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 190 000	MEAN

MONTREAL RIVER AT LOWER NOTCH GENERATING STATION - STATION NO. 02JD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	42.9	50.9	82.1	83.4	223	75.5	55.1	75.8	56.2	53.7	53.3	55.5	75.0	1972
1973	78.2	75.5	105	143	197	157	78.3	55.8	37.9	63.3	89.0	66.0	94.0	1973
1974	42.7	58.1	91.0	90.3	253	131	82.7	35.7	35.8	56.2	69.0	57.9	83.8	1974
1975	61.8	60.7	89.5	93.8	174	119	43.6	19.1	20.5	17.9	25.2	40.1	82.0	1975
1976	46.5	50.1	81.8	208	220	73.7	36.5	31.1	38.3	44.4	37.8	38.2	75.5	1976
1977	47.6	49.7	74.2	203	145	48.8	37.4	26.7	30.4	37.4	56.8	54.1	87.5	1977
1978	58.8	74.1	62.1	57.2	191	84.6	36.7	32.7	36.4	62.8	58.2	50.8	86.0	1978
1979	52.2	68.6	78.4	187	407	131	78.5	44.8	37.6	64.6	92.5	111	113	1979
1980	81.7	67.1	49.7	112	184	59.0	46.1	32.3	35.4	56.7	63.5	64.2	71.1	1980
1981	51.4	56.7	72.4	230	108	100	59.8	31.6	32.2	46.8	46.0	56.4	74.3	1981
1982	56.2	58.9	52.8	64.8	140	44.4	26.3	11.6	31.0	64.3	75.9	87.8	61.2	1982
1983	63.6	60.2	57.2	70.5	258	189	38.4	41.9	28.7	61.5	55.5	71.7	86.3	1983
1984	62.8	75.9	60.5	133	126	116	123	60.4	34.2	47.7	78.6	83.9	85.1	1984
MEAN	62.1	65.3	72.1	127	202	102	57.0	38.4	35.0	52.1	60.1	64.4	78.2	MEAN

LOCATION - LAT 47 08 15 N LONG 78 27 15 W DRAINAGE AREA, 6 600 km^2 REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

MONTREAL RIVER AT LOWER NOTCH GENERATING STATION - STATION NO. 02JD010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	388 ON MAY 8	0 ON JAN 1 *	2 370 000	1972
1973	---	314 ON MAY 10	0 ON FEB 4	2 950 000	1973
1974	---	394 ON MAY 7	0 ON JAN 1	2 640 000	1974
1975	---	320 ON MAY 8	0 ON JAN 5	1 950 000	1975
1976	---	386 ON APR 23	0 ON JAN 18	2 350 000	1976
1977	---	430 ON APR 23	0 ON JAN 23	2 130 000	1977
1978	---	343 ON MAY 17	0 ON JAN 1	2 140 000	1978
1979	---	589 ON MAY 1 *	0 ON JAN 1	3 570 000	1979
1980	---	340 ON MAY 3	0 ON MAR 30	2 250 000	1980
1981	---	318 ON APR 21	0 ON AUG 16	2 340 000	1981
1982	---	311 ON APR 28	0 ON JUL 31	1 930 000	1982
1983	---	401 ON MAY 8	0 ON JUL 10	2 720 000	1983
1984	---	231 ON APR 27	0 ON AUG 4	2 890 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 470 000	MEAN

MONTREAL RIVER AT MOUNTAIN CHUTES - STATION NO. 02JD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	5.89	77.3	83.1	99.7	50.3	25.1	26.3	38.9	28.6	20.8	---	1968
1969	17.2	21.1	18.2	109	145	62.3	34.2	24.7	11.7	20.4	76.4	46.4	48.8	1969
1970	21.2	18.2	15.9	35.9	185	107	64.9	27.8	16.8	29.6	22.6	26.1	46.2	1970
1971	18.6	19.1	22.4	66.9	159	---	---	---	8.52	14.7	22.8	31.9	---	1971
1972	26.9	23.4	22.4	29.6	177	83.6	28.6	26.0	23.5	30.2	33.0	25.9	42.6	1972
1973	22.1	20.7	36.4	106	156	93.6	51.1	26.3	25.1	32.6	44.7	32.1	54.0	1973
1974	23.3	22.7	25.3	56.7	222	80.3	48.2	23.4	17.3	32.5	37.0	26.0	51.5	1974
1975	23.2	18.2	21.3	51.2	159	110	27.5	8.75	8.91	9.37	14.1	18.3	38.2	1975
1976	17.7	19.5	21.1	184	169	48.4	21.2	12.0	20.2	33.9	25.5	16.4	49.0	1976
1977	18.2	11.8	27.3	163	111	28.6	16.0	7.37	12.8	19.7	30.0	28.3	38.6	1977
1978	21.3	20.3	17.0	21.1	157	70.7	32.0	18.3	19.9	39.2	26.8	24.9	39.2	1978
1979	23.4	18.8	27.6	150	279	92.1	47.6	22.0	18.7	35.4	62.0	58.5	69.8	1979
1980	31.8	22.1	19.7	76.8	157	43.3	19.5	16.2	18.0	38.8	35.5	28.8	42.2	1980
1981	18.6	18.3	23.1	176	88.1	67.7	39.1	13.1	12.8	30.7	28.3	26.4	44.8	1981
1982	25.1	16.1	16.3	43.5	126	38.8	20.6	8.11	18.5	41.3	44.0	39.1	37.0	1982
1983	32.9	27.8	29.4	49.2	219	125	28.5	27.7	19.4	38.3	35.3	31.7	55.6	1983
1984	28.9	26.0	26.9	107	104	73.8	88.5	39.7	20.8	27.2	48.9	48.3	52.8	1984
MEAN	23.0	20.4	22.1	88.4	157	75.4	38.5	20.4	17.5	30.0	36.0	31.1	47.5	MEAN

LOCATION - LAT 47 38 21 N DRAINAGE AREA, 4 300 km²
LONG 80 11 28 W REGULATED

MONTREAL RIVER AT MOUNTAIN CHUTES - STATION NO. 02JD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	---	---	---	1968
1969	354 AT 21:00 EST ON APR 21	311 ON APR 22	7.22 ON SEP 23	1 540 000	1969
1970	210 AT 03:00 EST ON MAY 4	209 ON MAY 4	9.91 ON APR 5	1 460 000	1970
1971	188 AT 10:40 EST ON MAY 6	---	---	---	1971
1972	251 AT 09:11 EST ON MAY 11	247 ON MAY 9	19.4 ON SEP 25	1 350 000	1972
1973	213 AT 09:27 EST ON MAY 6	212 ON MAY 6	19.6 ON FEB 27	1 700 000	1973
1974	323 AT 08:49 EST ON MAY 4	320 ON MAY 4	13.3 ON SEP 11	1 820 000	1974
1975	245 AT 21:16 EST ON MAY 7	245 ON MAY 8	5.30 ON OCT 23	1 240 000	1975
1976	405 AT 10:35 EST ON APR 24	405 ON APR 24	2.94 ON SEP 2 *	1 550 000	1976
1977	396 AT 16:15 EST ON APR 24	394 ON APR 24	5.84 ON AUG 21	1 280 000	1977
1978	254 AT 00:30 EST ON MAY 16	253 ON MAY 16	13.5 ON APR 10	1 240 000	1978
1979	522 AT 13:53 EST ON APR 28 *	517 ON APR 28 *	9.29 ON OCT 9	2 200 000	1979
1980	249 AT 12:19 EST ON MAY 2	248 ON MAY 2	8.69 ON AUG 7	1 340 000	1980
1981	248 AT 03:14 EST ON APR 18	246 ON APR 18	8.80 ON AUG 6	1 420 000	1981
1982	217 AT 23:15 EST ON MAY 4	216 ON MAY 4	4.88 ON AUG 21	1 170 000	1982
1983	307 AT 11:22 EST ON MAY 6	305 ON MAY 6	15.8 E ON JUL 21	1 750 000	1983
1984	206 AT 00:04 EST ON APR 29	203 ON APR 27	17.0 ON SEP 22	1 870 000	1984
				1 500 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTREAL RIVER AT UPPER NOTCH GENERATING STATION - STATION NO. 02JD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1931	43.7	46.8	48.3	121	152	86.8	48.0	42.6	49.3	48.8	82.3	64.1	72.0	1931
1932	54.8	51.4	57.4	127	153	89.2	60.1	48.6	85.8	120	184	77.6	84.9	1932
1933	49.8	51.4	55.7	184	191	104	55.5	48.3	38.9	38.7	44.9	44.4	75.2	1933
1934	47.3	47.1	46.7	80.8	284	92.1	44.5	47.7	44.8	49.2	62.8	72.8	78.1	1934
1935	53.8	43.4	57.5	98.7	129	89.8	58.8	45.0	43.6	42.3	40.2	44.2	80.7	1935
1936	45.7	42.0	47.2	76.2	359	119	44.1	45.2	40.5	44.0	45.1	45.8	79.8	1936
1937	48.1	47.8	44.6	81.9	145	85.5	50.1	74.5	66.7	70.7	104	88.5	74.2	1937
1938	49.7	44.7	90.9	277	201	100	44.9	45.9	46.2	42.3	41.8	40.8	85.5	1938
1939	43.7	44.1	45.6	84.2	227	176	90.1	42.2	41.0	46.8	50.8	46.5	75.7	1939
1940	43.6	43.8	42.0	51.2	134	158	84.8	49.7	56.5	48.8	65.8	68.1	71.0	1940
1941	47.8	53.1	61.1	208	177	72.8	103	72.6	65.0	181	179	116	113	1941
1942	60.7	50.7	63.9	176	128	77.6	47.8	46.5	43.5	41.9	42.5	40.8	70.0	1942
1943	39.8	37.3	41.3	84.8	152	112	76.1	45.2	45.2	43.6	46.8	47.4	82.8	1943
1944	44.3	45.1	44.6	88.9	143	85.2	47.4	46.1	46.8	43.6	46.3	45.1	57.2	1944
1945	---	---	---	148	155	285	86.1	38.7	39.5	47.8	62.7	53.8	---	1945
1946	62.8	57.4	84.6	101	101	103	62.7	43.2	43.6	47.3	45.4	57.6	69.1	1946
1947	62.6	57.7	76.6	92.7	382	421	95.2	39.4	38.2	40.6	47.1	31.2	118	1947
1948	24.4	28.2	27.5	93.8	139	88.0	46.2	46.2	43.8	46.9	54.7	54.2	55.6	1948
1949	45.1	51.3	57.4	166	234	137	119	45.9	47.1	37.3	33.6	33.7	86.7	1949
1950	33.3	43.0	49.6	85.5	238	107	62.7	41.9	38.5	34.9	36.0	44.4	88.5	1950
1951	51.0	64.9	68.4	268	188	103	94.7	63.6	76.3	182	184	122	122	1951
1952	86.1	71.8	71.1	148	171	98.4	52.5	41.1	46.8	49.6	47.3	54.3	76.4	1952
1953	59.6	65.7	86.0	240	192	78.0	61.4	47.2	37.8	31.0	37.8	40.3	82.2	1953
1954	44.7	65.4	103	168	188	180	87.4	52.5	55.6	168	148	93.1	114	1954
1955	75.3	73.8	58.8	137	103	53.1	36.6	36.1	35.3	47.4	90.8	73.2	68.1	1955
1956	73.9	70.9	54.8	85.9	240	137	81.5	61.7	68.3	87.8	80.1	62.1	88.9	1956
1957	63.9	70.8	67.1	128	136	81.6	251	49.2	65.2	54.7	83.0	77.5	92.6	1957
1958	71.2	68.8	61.6	89.0	71.0	85.7	53.3	37.2	40.6	61.7	69.7	68.0	61.5	1958
1959	61.4	58.6	46.0	74.1	180	83.4	42.5	32.6	37.2	64.1	61.1	72.4	67.9	1959
1960	66.5	70.3	58.5	124	667	178	128	54.4	69.5	49.4	63.4	65.8	125	1960
1961	54.0	62.8	59.2	87.1	153	119	87.7	48.6	103	72.6	69.9	73.3	80.6	1961
1962	68.2	67.7	72.5	80.1	278	82.8	39.0	38.5	45.0	51.7	39.6	34.4	74.2	1962
1963	33.6	35.8	36.5	113	150	89.4	53.4	45.4	46.7	44.9	44.5	46.5	61.7	1963
1964	49.0	60.8	66.4	184	210	158	74.3	33.2	34.5	53.9	55.4	50.6	83.5	1964
1965	52.8	59.0	53.8	85.6	190	97.9	37.2	42.9	81.9	128	78.9	75.3	76.5	1965
1966	66.8	69.5	73.4	144	159	144	47.6	51.1	42.9	80.6	128	181	99.3	1966
1967	76.4	73.2	85.5	219	348	199	83.7	46.9	46.0	46.3	66.2	62.0	112	1967
1968	59.4	55.3	59.6	150	81.6	105	85.6	41.0	46.9	44.4	41.0	42.8	85.9	1968
1969	48.6	58.0	62.7	122	183	80.0	83.9	76.7	45.1	50.5	114	90.8	81.4	1969
1970	66.9	74.7	80.6	72.4	210	157	115	57.4	36.6	46.9	36.0	49.2	82.2	1970
1971	52.0	60.3	66.0	118	194	85.9	---	---	---	---	---	---	---	1971
MEAN	54.6	56.4	61.7	123	196	118	70.7	47.8	50.7	63.3	70.9	64.5	81.3	MEAN

LOCATION - LAT 47 13 17 N
LONG 79 35 25 W

DRAINAGE AREA, 8 480 km²
REGULATED

DATA CONTRIBUTED BY -
ONTARIO HYDRO

MONTREAL RIVER AT UPPER NOTCH GENERATING STATION - STATION NO. 02JD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1931	---	238 ON MAY 7	19.6 ON AUG 21	2 270 000	1931
1932	---	257 ON APR 25	28.9 ON JUL 5	2 690 000	1932
1933	---	351 ON APR 24	26.5 ON SEP 5	2 370 000	1933
1934	---	552 ON MAY 9	21.2 ON MAR 28	2 400 000	1934
1935	---	238 ON MAY 4	32.8 ON OCT 30	1 970 000	1935
1936	---	547 ON MAY 9	31.4 ON JUL 30	2 520 000	1936
1937	---	287 ON MAY 4	34.3 ON JUN 27	2 340 000	1937
1938	---	408 ON MAY 2	34.0 ON OCT 23	2 890 000	1938
1939	---	399 ON MAY 12	35.4 ON JAN 1	2 420 000	1939
1940	---	259 ON MAY 29	33.7 ON NOV 3	2 250 000	1940
1941	---	433 ON APR 22	39.6 ON FEB 2	3 580 000	1941
1942	---	275 ON APR 27	34.5 ON JUL 25	2 210 000	1942
1943	---	231 ON MAY 8	32.3 ON FEB 27	1 930 000	1943
1944	---	232 ON MAY 5	36.5 ON JUL 14	1 810 000	1944
1945	---	580 ON JUN 1	---	---	1945
1946	---	200 ON MAY 31	27.2 ON SEP 8	2 180 000	1946
1947	---	549 ON JUN 18	24.9 ON DEC 31	3 880 000	1947
1948	---	183 ON APR 28	20.8 ON FEB 1	1 780 000	1948
1949	---	311 ON MAY 4	23.6 ON NOV 27	2 730 000	1949
1950	---	328 ON MAY 15	19.0 ON AUG 10	2 100 000	1950
1951	---	413 ON APR 18	38.0 ON JAN 11	3 850 000	1951
1952	---	320 ON APR 25	23.8 ON OCT 28	2 420 000	1952
1953	---	274 ON APR 18	21.5 ON DEC 13	2 590 000	1953
1954	---	317 ON OCT 20	29.4 ON AUG 29	3 590 000	1954
1955	---	243 ON APR 22	24.1 ON JUL 31	2 150 000	1955
1956	---	348 ON MAY 18	30.0 ON SEP 2	2 810 000	1956
1957	---	493 ON JUL 5	27.1 ON JUN 23	2 820 000	1957
1958	---	128 ON APR 21	25.7 ON SEP 1	1 840 000	1958
1959	---	267 ON MAY 10	14.9 ON AUG 4	2 140 000	1959
1960	---	878 ON MAY 14 *	26.4 ON NOV 2	3 950 000	1960
1961	---	202 ON JUN 9	18.7 ON AUG 1	2 580 000	1961
1962	---	470 ON MAY 7	0 ON JUL 1 *	2 340 000	1962
1963	---	225 ON MAY 5	26.4 ON AUG 4	1 940 000	1963
1964	---	371 ON MAY 2	17.7 ON SEP 20	2 840 000	1964
1965	---	240 ON MAY 8	0 ON JUL 22	2 410 000	1965
1966	---	306 ON APR 25	30.0 ON JUL 28	3 130 000	1966
1967	---	549 ON MAY 5	30.8 ON AUG 19	3 520 000	1967
1968	---	202 ON APR 19	9.86 ON AUG 23	2 080 000	1968
1969	---	238 ON APR 28	37.1 ON JUL 25	2 570 000	1969
1970	---	283 ON MAY 3	32.8 ON APR 4	2 580 000	1970
1971	---	---	---	---	1971
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 580 000	MEAN

MONTREAL RIVER NEAR ELK LAKE - STATION NO. 02JD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	18.6	15.2	10.4	37.1	31.3	32.6	---	1921
1922	20.5	17.9	17.6	170	200	52.2	42.5	27.7	15.7	20.6	35.8	38.6	53.0	1922
1923	18.9	13.6	12.6	35.5	107	54.3	---	---	---	---	---	---	---	1923
MEAN	19.7	15.8	15.1	103	154	53.3	30.6	21.5	13.6	28.9	33.6	34.8	53.0	MEAN

LOCATION - LAT 47 43 00 N DRAINAGE AREA, 3 650 km^2
LONG 80 19 00 W REGULATED

MONTREAL RIVER NEAR ELK LAKE - STATION NO. 02JD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	348 ON APR 19 *	12.3 ON SEP 30	1 740 000	1922
1923	---	187 ON MAY 1	12.0 ON MAR 11 *	---	1923
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 740 000	MEAN

MONTREAL RIVER NEAR MONTREAL RIVER HARBOUR - STATION NO. 02BE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1935	---	---	---	---	---	---	---	---	---	41.2	38.0	19.5	---	1935
1936	10.1	7.82	8.24	31.8	221	56.0	21.9	7.80	8.87	11.8	17.9R	10.3	34.7R	1936
1937	11.0	4.32	6.87	57.2	114	23.8	13.1	24.1	15.0	72.7	36.6	19.6	30.0	1937
1938	11.8	14.4	21.3	141	101	50.8	13.8	10.5	7.56	6.27	16.9	14.7	34.0	1938
1939	17.0	12.5	12.8	40.8	202	77.7	28.4	30.2	32.2	42.3	23.2	13.6	43.8	1939
1940	11.8	11.8	11.0	18.7	90.0	88.4	32.8	12.2	11.8	12.2	13.1	39.5	27.9	1940
1941	15.9	13.4	13.3	76.7	87.6	44.3	27.1	18.7	69.0	110	78.0	49.5	50.5	1941
1942	28.1	22.4	22.6	118	108	31.6	21.4	19.6	30.2	84.0	69.3	31.6	48.8	1942
1943	25.0	24.2	26.3	36.2	125	146	36.1	21.6	19.7	14.6	25.0	18.4	43.5	1943
1944	18.8	19.7	14.6	57.5	98.2	36.7	19.0	19.1	21.1	33.9	38.1	24.3	33.4	1944
1945	18.2	18.3	54.7	128	85.0	55.6	39.2	25.8	28.6	25.3	91.8	28.4	47.9	1945
1946	31.3	28.0	53.2	80.8	82.5	38.0	29.9	33.3	31.1	38.0	71.9	48.4	43.8	1946
1947	24.5	23.8	22.7	42.0	172	146	45.1	22.0	20.8	19.4	12.1	13.4	47.4	1947
1948	14.2	9.59	12.8	138	73.0	27.6	15.8	14.1	13.7	15.9	38.7	40.8	34.2	1948
1949	28.1	28.1	24.3	85.5	127	30.4	24.4	20.4	19.6	20.1	35.8	24.2R	39.0R	1949
1950	25.2	30.1	27.6	30.0	217	75.3	43.3	28.8	25.1	18.1	30.4	26.7	47.5	1950
1951	28.8	24.5	26.1	101	88.5	31.6	31.5	23.6	20.8	82.1	66.1	38.5	45.4	1951
1952	28.1	28.7	28.3	53.7	82.2	66.7	64.8	47.5	27.5	28.3	31.5	36.8	42.0	1952
1953	29.3	28.6	34.2	64.3	172	102	64.8	30.0	31.9	33.9	30.1	31.4	54.5	1953
1954	25.5	28.9	40.0	84.8	126	86.0	31.5	26.2	18.4	18.3	30.4	22.4	43.9	1954
1955	18.0	19.6	25.9	49.3	54.1	28.5	22.2	18.9	16.9	13.3	17.7	20.8	25.6	1955
1956	19.3	22.3	23.6	31.0	48.5	39.2	87.2	27.9	17.7	10.0	21.4	22.0	32.5	1956
1957	23.8	25.1	26.8	33.8	30.7	32.6	51.8	35.6	33.6	34.7	30.3	34.5	32.1	1957
1958	35.6	36.2	35.3	29.0	34.0	35.8	30.8	32.7	30.6	26.6	31.8	44.6	33.7	1958
1959	33.4	27.6	33.2	30.5	111	32.9	26.1	25.2	33.3	78.0	55.9	29.7	43.3	1959
1960	32.3	31.1	31.5	87.8	188	44.3	27.8	26.8	33.6	38.8	40.5	33.7	52.4	1960
1961	44.2	46.6	32.3	24.8	82.9	56.0	36.8	26.1	77.7	59.4	60.4	40.4	49.1	1961
1962	41.1	39.2	42.8	41.7	78.2	43.4	33.1	32.5	33.6	26.9	22.7	26.7	38.8	1962
1963	32.2	37.5	26.9	35.1	33.8	28.3	21.2	20.8	22.5	34.1	33.9	31.3	30.0	1963
1964	36.9	41.3	36.5	36.6	43.8	41.1	34.4	32.3	36.5	67.8	52.0	46.6	41.3	1964
1965	51.0	60.9	72.8	56.8	49.3	48.2	31.9	34.6	56.1	74.0	72.8	55.7	55.3	1965
1966	56.0	55.9	53.5	50.4	88.2	89.8	36.0	38.6	41.8	47.7	52.3	52.4	53.5	1966
1967	56.8	78.1	64.5	48.9	83.5	80.0	40.2	38.2	45.6	46.4	33.7	24.8	51.8	1967
1968	23.6	22.9	20.4	38.0	45.9	72.0	36.2	32.3	41.5	59.8	45.3	46.8	40.4	1968
1969	51.6	56.5	62.6	48.0	47.0	33.3	33.0	36.2	34.7	21.4	38.1	40.0	40.9	1969
1970	43.2	40.4	28.2	32.5	40.4	34.8	53.7	47.6	38.2	40.2	38.4	34.6	39.4	1970
1971	38.6	37.5	49.0	48.6	89.0	56.8	46.6	42.6	39.1	38.3	37.6	43.6	47.5	1971
1972	37.0	43.1	38.9	43.0	69.7	63.1	42.0	50.7	60.5	62.0	46.2	34.0	49.2	1972
1973	36.6	48.0	54.6	59.3	88.1	47.4	46.7	47.3	44.3	39.6	42.0	39.2	49.4	1973
1974	28.6	35.4	23.6	28.8	80.6	70.7	44.5	43.7	32.8	35.4	32.9	28.6	38.6	1974
1975	41.2	51.0	50.5	35.4	97.7	69.8	40.4	21.5	32.2	28.5	18.3	21.4	38.9	1975
1976	33.3	36.0	37.9	53.4	86.8	35.0	31.7	34.1	22.4	18.4	23.6	29.2	35.2	1976
1977	14.1	13.9	23.3	37.6	39.6	40.6	32.6	31.6	31.6	38.8	62.0	46.9	34.7	1977
1978	46.8	41.8	46.8	43.2	36.3	44.6	33.4	37.4	40.2	51.0	38.5	33.2	40.9	1978
1979	39.6	46.0	30.3	47.5	163	84.6	41.6	37.9	34.4	52.8	28.2	25.6	52.9	1979
1980	38.2	49.8	41.1	44.8	38.0	52.8	42.1	39.4	41.9	54.5	41.6	48.8	44.4	1980
1981	35.6	31.0	28.4	46.3	89.0	57.0	46.4	47.5	39.5	23.8	11.7	10.6	36.7	1981
1982	21.7	24.5	42.0	34.5	80.7	43.3	36.4	37.3	25.7	12.9	34.5	45.4	34.3	1982
1983	49.8	55.1	46.8	44.2	75.8	108	41.7	38.6	37.7	44.4	42.8	49.6	52.6	1983
1984	50.4	46.7	51.4	36.2	57.1	40.8	34.3	39.3	39.6	30.0	38.2	35.8	41.6	1984
MEAN	30.9	32.3	33.5	54.1	88.5	54.9	36.2	30.0	32.0	37.2	39.0R	32.6R	41.8	MEAN

LOCATION - LAT 47 12 50 N
LONG 84 37 10 W

DRAINAGE AREA, 2 880 km²
REGULATED SINCE 1935

DATA CONTRIBUTED BY -
GREAT LAKES POWER COMPANY LIMITED

R - REVISED SINCE JAN 1980

MONTREAL RIVER NEAR MONTREAL RIVER HARBOUR - STATION NO. 02BE002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1935	---	---	---	---	1935
1936	---	340 ON MAY 11	5 28 ON AUG 21	1 100 000R	1936
1937	---	282 ON MAY 3	0 ON JAN 26 *	945 000	1937
1938	---	249 ON MAY 2	0 566 ON SEP 25	1 070 000	1938
1939	---	374 ON MAY 9	8 14 ON AUG 20	1 370 000	1939
1940	---	117 ON MAY 3	5 01 ON MAR 3	881 000	1940
1941	---	187 ON APR 22	9 51 ON APR 6	1 590 000	1941
1942	---	210 ON APR 26	5 13 ON DEC 25	1 540 000	1942
1943	---	292 ON JUN 4	11 7 ON DEC 26	1 370 000	1943
1944	---	230 ON MAY 5	8 81 ON MAR 5	1 060 000	1944
1945	---	228 ON NOV 5	9 66 ON JAN 1	1 510 000	1945
1946	---	169 ON MAY 27	12 2 ON AUG 4	1 380 000	1946
1947	---	328 ON JUN 17	3 91 ON NOV 5	1 500 000	1947
1948	---	354 ON APR 29	3 31 ON FEB 22	1 080 000	1948
1949	---	262 ON MAY 5	7 62 ON OCT 23	1 230 000R	1949
1950	---	413 ON MAY 16	11 3 ON OCT 8	1 500 000	1950
1951	---	257 ON MAY 1	4 90 ON DEC 25	1 430 000	1951
1952	---	208 ON APR 24	5 91 ON DEC 25	1 330 000	1952
1953	---	408 ON MAY 11	18 8 ON SEP 7	1 720 000	1953
1954	---	320 ON MAY 3	5 44 ON DEC 25	1 380 000	1954
1955	---	178 ON APR 24	3 00 ON OCT 8	809 000	1955
1956	---	137 ON JUL 14	3 00 ON MAY 13	1 030 000	1956
1957	---	118 ON JUL 7	10 8 ON AUG 11	1 010 000	1957
1958	---	59 2 ON DEC 5	9 77 ON JUL 6	1 060 000	1958
1959	---	314 ON MAY 9	5 44 ON APR 26	1 370 000	1959
1960	---	428 ON MAY 11 *	5 91 ON AUG 1	1 680 000	1960
1961	---	217 ON MAY 17	8 44 ON APR 23	1 550 000	1961
1962	---	170 ON MAY 7	9 46 ON NOV 4	1 220 000	1962
1963	---	70 6 ON FEB 21	6 23 ON DEC 1	945 000	1963
1964	---	92 5 ON OCT 13	7 96 ON JUL 28	1 310 000	1964
1965	---	114 ON SEP 28	17 3 ON JUL 4	1 740 000	1965
1966	---	141 ON JUN 8	18 5 ON OCT 16	1 690 000	1966
1967	---	198 ON MAY 3	10 5 ON DEC 31	1 630 000	1967
1968	---	153 ON JUN 14	11 3 ON JAN 7	1 280 000	1968
1969	---	79 9 ON APR 17	11 6 ON OCT 11	1 290 000	1969
1970	---	84 4 ON JUL 8	11 9 ON MAR 29	1 240 000	1970
1971	---	254 ON MAY 25	8 09 ON DEC 25	1 500 000	1971
1972	---	176 ON MAY 31	13 6 ON DEC 25	1 580 000	1972
1973	---	157 ON MAY 6	11 5 ON OCT 7	1 580 000	1973
1974	---	92 0 ON JUN 11	10 2 ON SEP 2	1 220 000	1974
1975	---	89 5 ON JUN 5	1 05 ON APR 14	1 230 000	1975
1976	---	142 ON MAY 1	2 44 ON DEC 25	1 110 000	1976
1977	---	84 1 ON NOV 17	0 ON JAN 2	1 030 000	1977
1978	---	74 2 ON JUN 12	2 24 ON JUL 22	1 290 000	1978
1979	---	414 ON MAY 11	11 8 ON SEP 1	1 670 000	1979
1980	---	88 0 ON OCT 28	12 5 ON AUG 3	1 400 000	1980
1981	---	75 3 ON MAY 5	3 60 ON DEC 7	1 180 000	1981
1982	---	77 1 ON DEC 31	0 ON SEP 3	1 080 000	1982
1983	---	314 ON JUN 2	15 0 ON NOV 13	1 660 000	1983
1984	---	85 5 ON JAN 20	15 7 ON AUG 19	1 320 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980		1 320 000R	MEAN

MOON RIVER AT HIGHWAY NO. 69 - STATION NO. 02EB011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	---	---	---	36 7	87 5	7 03	98 3	---	1985
1986	40 9	1 63	19 7	13 9	5 86	1 35	0 470	0 883	1 11	0 891	40 7	150	23 1	1986
1987	5 02	5 00	8 74	104	5 13	27 6	1 01	1 16	1 53	23 8	127	38 6	22 1	1987
1988	6 04	23 7	19 3	40 3	5 05	1 82	0 840	0 853	0 853	0 836	0 949	2 33	8 44	1988
1989	1 37	1 40	18 2	83 4	46 6	15 4	1 98	0 803	0 948	0 813	31 8	3 98	15 5	1989
1970	2 29	2 27	2 55	52 3	23 7	5 65	38 6	1 48	0 481	1 03	1 90	1 85	11 2	1970
1971	1 24	1 21	37 0	81 7	43 6	18 9	0 891	0 904	1 86	5 52	0 636	2 19	17 0	1971
1972	1 59	1 33	3 22	81 7	77 2	18 7	0 887	0 890	0 818	5 00	25 1	2 18	16 3	1972
1973	6 12	37 0	113	81 6	16 0	17 3	3 40	3 85	3 80	2 93	4 18	8 01	24 5	1973
1974	3 93	11 2	57 6	98 2	81 7	15 5	4 37	4 28	2 43	14 6	19 7	6 39	28 7	1974
1975	2 90	3 34	48 5	85 9	59 3	2 63	0 788	1 23	1 19	0 853	1 38	31 8	17 7	1975
1976	2 07	2 33	76 6	147	18 4	4 20	4 54	4 28	4 21	3 47	4 13	4 58	22 8	1976
1977	4 07	4 23	58 4	83 6	2 85	0 850	1 27	1 73	1 88	31 1	30 5	13 9	18 0	1977
1978	2 93	2 18	3 32	30 8	34 2	8 57	1 28	1 15	1 34	1 34	2 21	2 38	7 38	1978
1979	2 37	1 88	88 9	145	86 6	4 02	4 29	0 835	1 10	3 11	21 0	64 2	30 3	1979
1980	15 4	2 39	3 79	183	42 5	28 5	13 9	9 64	22 0	32 2	33 4	6 50	30 9	1980
1981	5 27	25 9 R	87 0 R	40 6R	16 3	8 24	5 14	0 984	100	17 4	5 33	4 95	26 3 R	1981
1982	4 28	3 79	11 3	103	48 6	8 56	1 40	0 786	0 843	0 975	34 6	104	27 3	1982
1983	81 7	15 1	36 4	21 6	109	33 2	0 648	0 637	1 16	1 43	1 90	2 46	23 2	1983
1984	1 78	51 1	60 0	71 4	36 6	34 8	1 34	1 18	1 80	1 33	5 61	9 30	23 0	1984
MEAN	8 01	10 3 R	36 6 R	77 3R	38 5	12 7	4 55	1 89	9 28	11 8	20 0	27 0	21 0	MEAN

LOCATION - LAT 46 03 48 N
LONG 79 47 12 W
REGULATED

R - REVISED SINCE JAN 1980

MOON RIVER AT HIGHWAY NO. 69 - STATION NO. 02EB011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	247R AT 21:00 EST ON DEC 10	244 ON DEC 11	0.303 ON JUN 21 *	731 000	1966
1967	189 AT 12:45 EST ON NOV 7	188 ON NOV 7	0.578 ON JUL 21	885 000	1967
1968	120 AT 13:00 EST ON APR 8	118 ON APR 8	0.498 ON JUL 8	267 000	1968
1969	180 AT 13:16 EST ON MAY 24	152 ON MAY 24	0.354 ON OCT 13	489 000	1969
1970	145 AT 13:54 EST ON APR 27	143 ON APR 27	0.377 ON SEP 21	354 000	1970
1971	188 AT 01:04 EST ON APR 28	187 ON APR 28	0.484 ON JUN 20	536 000	1971
1972	156 AT 06:53 EST ON APR 27	154 ON APR 28	0.411 ON JUL 6	580 000	1972
1973	213 AT 17:22 EST ON APR 9	197 ON APR 9	2.05 ON JAN 18	773 000	1973
1974	183 AT 08:44 EST ON APR 23	176 ON APR 22	0.804 ON SEP 24	843 000	1974
1975	161 AT 02:34 EST ON MAY 6	160 ON MAY 5	0.405 ON JUN 14	557 000	1975
1976	252 AT 11:55 EST ON APR 11	250 ON APR 11	1.61 ON FEB 4	721 000	1976
1977	158 AT 18:04 EST ON APR 5	156 ON APR 6	0.784 ON MAY 21	568 000	1977
1978	113 AT 09:22 EST ON MAY 2	113 ON MAY 1	0.481 ON JUL 14	233 000	1978
1979	226 AT 20:18 EST ON APR 6	224 ON APR 7	0.718 ON AUG 2	956 000	1979
1980	254 AT 17:09 EST ON APR 20 *	253 ON APR 20 *	1.70 B ON MAR 7	976 000	1980
1981	169R AT 10:21 EST ON SEP 9	168 ON SEP 9	0.757 ON AUG 2	829 000R	1981
1982	211 AT 09:40 EST ON APR 30	209 ON APR 29	0.444 ON JUN 8	860 000	1982
1983	208 AT 07:08 EST ON MAY 12	207 ON MAY 11	0.588 ON JUL 17	730 000	1983
1984	184 AT 05:34 EST ON MAY 30	182 ON MAY 30	0.669A ON OCT 17	725 000	1984
				684 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

MOON RIVER AT ISLAND FALLS - STATION NO. 02EB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	---	---	---	---	---	84.2	---	1923
1924	51.5	47.8	73.6	116	117	59.8	30.5	14.2	9.78	12.4	7.84	43.6	48.7	1924
1925	23.8	48.3	74.4	143	48.2	39.2	19.0	19.4	10.4	8.73	55.1	53.2	45.0	1925
1926	33.1	31.7	52.4	76.2	151	80.1	44.5	32.5	25.3	---	---	---	---	1926
1937	---	---	---	---	---	---	18.3	23.3	23.4	37.1	111	82.5	---	1937
1938	42.0	46.1	138	247	98.3	30.1	15.7	14.5	27.8	28.3	18.5	11.4	58.3	1938
1939	0.384	4.88	81.7	113	186	2.49	0.380	0.368	0.398	0.163	0	0	30.2	1939
1940	0	0	0	21.8	71.4	26.5	0.351	0.304	4.52	0.142	14.2	10.1	12.5	1940
1941	7.23	0	0	85.6	23.8	0.398	0.380	0.486	0.365	0.088	38.1	14.7	14.2	1941
1942	18.4	0	36.1	128	74.0	22.0	0.377	0.397	0.398	1.22	27.0	8.95	26.3	1942
1943	0.217	0.084	21.1	82.9	205	14.8	0.734	0.609	0.773	0.219	0	0	27.5	1943
1944	0	0	0	14.5	26.8	1.74	0.488	0.323	0.229	0.123	0.039	0	3.87	1944
1945	0	0.010	85.8	71.9	33.5	19.0	0.649	0.303	0.251	0.110	0	0	18.0	1945
1946	7.67	26.7	89.4	28.0	8.61	1.59	0.485	0.434	0.400	0.118	0	0	14.4	1946
1947	0	0.736	36.7	152	179	59.5	0.448	0.439	0.485	0.157	0	0	35.8	1947
1948	0.037	0	49.6	188	28.5	7.72	0.442	0.425	0.472	0.138	5.88	3.39	22.0	1948
1949	2.52	21.7	29.7	202	53.2	0.572	0.479	0.489	0.392	0.278	0	9.85	26.5	1949
1950	90.0	45.0	1.89	50.5	17.8	0.375	0.398	0.353	0.318	0.110	0	8.97	17.8	1950
1951	2.98	0	24.9	230	113	0.360	0.418	0.410	0.366	0.107	53.6	45.8	39.3	1951
1952	20.6	3.06	0.472	122	32.3	2.98	0.518	0.456	0.444	0.142	0	13.6	18.2	1952
1953	0.325	0	47.3	77.3	10.7	0.288	0.378	0.583	0.558	0.403	0.471	0.278	11.6	1953
1954	0	0	48.7	87.2	26.8	8.34	0.543	0.437	0.354	53.0	37.4	4.60	26.0	1954
1955	0.858	0.828	0.834	109	16.7	0.853	0.853	1.29	1.35	0.834	17.7	0.708	12.5	1955
1956	0.708	0.708	2.56	19.2	80.8	26.5	1.14	1.26	3.81	1.05	0.745	0.859	11.7	1956
1957	0.510	0.724	12.0	26.3	0.618	8.18	58.9	0.578	13.5	4.47	54.2	53.7	23.6	1957
1958	48.1	5.77	1.76	4.26	0.972	0.274	0.281	0.556	0.694	9.81	2.28	0.484	6.16	1958
1959	0.453	5.81	8.46	110	81.5	4.84	0.802	0.628	0.768	0.564	40.1	22.6	23.9	1959
1960	0.788	0.784	2.91	175	118	8.31	28.1	1.58	9.86	8.74	3.38	0.573	29.6	1960
1961	0.639	0.808	3.08	47.6	23.8	0.538	0.631	0.693	0.675	0.689	0.708	0.694	8.72	1961
1962	0.595	0.595	0.617	36.0	14.4	0.630	0.453	0.607	1.03	1.05	0.840	0.708	4.77	1962
1963	0.708	0.708	5.20	73.6	86.9	4.80	0.456	0.701	1.33	1.22	0.902	0	12.9	1963
1964	0	0	5.48	0.638	5.22	0.782	0.739	0.280	0.165	0	0	4.58	1.80	1964
1965	8.59	8.34	0.708	87.2	75.6	0.422	0.289	0.595	9.43	76.7	8.16	79.9	28.1	1965
1966	28.5	1.80	22.1	9.32	3.71	0.781	0.283	0.587	0.949	---	---	---	---	1966
MEAN	12.2	9.40	28.4	90.7	81.4	13.6	8.13	3.84	4.58	8.31	16.1	17.1	21.7	MEAN

LOCATION - LAT 45 01 48 N
LONG 78 41 50 W
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

MOON RIVER AT ISLAND FALLS - STATION NO. 02EB009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	145 ON MAY 13	5.34 ON NOV 4	1 540 000	1924
1925	---	185 ON APR 12	5.04 ON JUL 25	1 420 000	1925
1926	---	188 ON MAY 13	10.8 ON AUG 17	---	1926
1937	---	---	---	---	1937
1938	---	326 ON APR 4 *	0 E ON NOV 14 *	1 780 000	1938
1939	---	255 ON MAY 7	0 ON JAN 20	951 000	1939
1940	---	141 ON JUN 2	0 ON JAN 1	394 000	1940
1941	---	246 ON APR 27	0 ON JAN 11	448 000	1941
1942	---	196 ON APR 12	0 ON JAN 23	831 000	1942
1943	---	248 ON MAY 14	0 ON JAN 2	887 000	1943
1944	---	74.6 ON APR 28	0 ON JAN 1	122 000	1944
1945	---	211 ON APR 7	0 ON JAN 1	504 000	1945
1946	---	179 ON MAR 31	0 ON JAN 1	454 000	1946
1947	---	259 ON MAY 4	0 ON JAN 1	1 130 000	1947
1948	---	209 ON APR 14	0 ON JAN 1	895 000	1948
1949	---	277 ON APR 17	0 ON JAN 1	836 000	1949
1950	---	111 ON JAN 5	0 ON AUG 12	581 000	1950
1951	---	281 ON APR 23	0 ON JAN 1	1 240 000	1951
1952	---	190 ON APR 25	0 ON JUN 13	513 000	1952
1953	---	173 ON APR 2	0 ON JAN 4	384 000	1953
1954	---	192 ON OCT 21	0 ON JAN 1	820 000	1954
1955	---	195 ON APR 25	0 ON MAY 11	395 000	1955
1956	---	176 ON MAY 17	0 ON JUN 28	369 000	1956
1957	---	234 ON JUL 7	0 ON APR 23	752 000	1957
1958	---	157 ON JAN 1	0 ON APR 21	194 000	1958
1959	---	222 ON MAY 4	0 ON JUN 29	754 000	1959
1960	---	253 ON APR 25	0 ON JUN 11	841 000	1960
1961	---	151 ON MAY 1	0.538 ON MAY 27	211 000	1961
1962	---	79.6 ON APR 11	0.453 ON JUN 29	151 000	1962
1963	---	148 ON APR 10	0 ON APR 25	406 000	1963
1964	---	34.5 ON DEC 31	0 ON JAN 1	47 500	1964
1965	---	138 ON MAY 3	0 ON NOV 5	884 000	1965
1966	---	83.8 ON JAN 7	0.283 ON JUN 7	---	1966
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		686 000	MEAN

E - ESTIMATED

MOOSE CREEK AT LEVACK - STATION NO. 02CF013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	2.31	0.350	0.525	0.148	0.095	0.285	0.454	0.287	0.200	---	1981
1982	0.131	0.190	0.204	1.97	1.13	0.224	0.040	0.024	0.219	0.618	0.877	0.759	0.532	1982
1983	0.492	0.235	0.477	1.70	1.49	0.934	0.050	0.033	0.117	0.504	0.388	0.435	0.570	1983
1984	0.273	0.304	0.210	1.21	0.384	0.188	0.322	0.462	0.388	0.488	0.707	0.698	0.482	1984
MEAN	0.299	0.243	0.297	1.80	0.834	0.463	0.140	0.154	0.243	0.512	0.560	0.523	0.521	MEAN

LOCATION - LAT 46 38 08 N DRAINAGE AREA, 40.8 km^2
LONG 81 23 25 W NATURAL FLOW

MOOSE CREEK AT LEVACK - STATION NO. 02CF013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	5.97A ON APR 4 *	0 E ON JUL 13 *	---	1981
1982	4.87 AT 15:36 EST ON APR 25	3.97 ON APR 25	0.018 ON AUG 18	16 800	1982
1983	6.01 AT 02:49 EST ON APR 15	5.41 ON APR 15	0.021 ON AUG 25	18 000	1983
1984	8.36 AT 11:52 EST ON JUL 24 *	1.98 ON JUL 24	0.076 ON JUN 23	14 900	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		16 500	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX) E - ESTIMATED

MOOSE RIVER ABOVE MOOSE RIVER - STATION NO. 04LG004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	253	207	284	526	4 610	2 100	481	193	515	604	438	304	699	1983
1984	283	233	275	1 780	1 700	1 140	1 300	389	184	307	575	458	720	1984
MEAN	268	220	280	1 180	3 180	1 620	891	291	350	556	507	380	610	MEAN

LOCATION - LAT 50 44 36 N DRAINAGE AREA, 80 100 km^2
LONG 81 27 30 W REGULATED

REMARKS - REPLACES STATION NO. 04LG002 "MOOSE RIVER AT MOOSE RIVER", EFFECTIVE JAN 01 1983

MOOSE RIVER ABOVE MOOSE RIVER - STATION NO. 04LG004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	6 850E ON MAY 3 *	121 B ON DEC 26	28 400 000	1983
1984	3 840 AT 18:15 EST ON APR 21 *	3 800 ON APR 26	94.0E ON SEP 5 *	22 800 000	1984
				25 600 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MOOSE RIVER AT MOOSE RIVER - STATION NO. 04LG002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	---	---	768	563R	248R	---	1959
1960	199R	228R	228R	923R	5 310R	1 050	340R	412R	242R	291R	509R	301R	841R	1960
1961	154R	157R	156R	1 270R	2 970	1 310	1 210	475	1 280	1 460	839	515R	989R	1961
1962	285R	232R	215R	376R	2 970	1 320	358	709	1 550	450	301R	301R	758R	1962
1963	197R	178R	182R	747R	2 040	1 360	480	262	303	272	263R	294R	547R	1963
1964	224R	230R	230R	1 450R	3 430	1 720	925	786	575	1 230	834R	413R	1 010R	1964
1965	251R	220R	250R	348R	3 340	903	367	405	627	1 410	594	394	762R	1965
1966	269	284	323	1 590	3 180	1 430	540	411	416	1 590	693	619	970	1966
1967	377	342	306	2 130	4 160	1 350	503	453	196R	332R	378	298	905R	1967
1968	262	244	234	2 450R	1 440	1 130	1 720	808	752	1 120	633	284	922R	1968
1969	253	228	210	973R	2 980	1 120	847R	458	567	855	858	387	782R	1969
1970	192	144	157	300R	2 320R	1 330	796	342	484	455	460	439	626R	1970
1971	327	273	197	752	3 070	940	493	342	649	857	700	445	759	1971
1972	312	304	341	435	3 150	1 300	675	368	336	708	395	211	714	1972
1973	170	173	382	1 430	2 370	840	872	663	578	573	548	417	765	1973
1974	312	289	293	380	3 610	1 450	533	387	384	1 040	767	359	817	1974
1975	238	203	238	502	2 270	1 250	402	248	144	242	615	368	582	1975
1976	245	182	230	2 180	2 100	658	348	297	233	213	207	184	588	1976
1977	157	180	313	2 180	1 700	584	805	231	782	678	801	437	720	1977
1978	215	189	209	234	3 520	1 890	1 120	362	405	1 020	429	237	825	1978
1979	181	172	278	1 620	4 820	1 650	541	380	572	1 350	1 040	455	1 090	1979
1980	252	213	216	1 030	2 540	928	360	194	213	709	381	177	601	1980
1981	143	164	271	1 700	2 550	988	371	128	166	275	339	203	608	1981
1982	145	157	178	319	2 940	507	897	312	559	1 470	1 150	522	778	1982
MEAN	234R	216R	245R	1 100R	2 990R	1 170	880R	409R	531R	809R	595R	354R	780	MEAN

LOCATION - LAT 50 48 50 N
LONG 81 17 40 W
DRAINAGE AREA, 80 100 km^2
REGULATED

R - REVISED SINCE JAN 1980

REMARKS - DRAINAGE AREA REVISED SEP 1982 USING NEW INFORMATION. STATION DISCONTINUED DEC 31 1982. REPLACED BY STATION 04LG004

MOOSE RIVER AT MOOSE RIVER - STATION NO. 04LG002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	7 080 ON MAY 18	7 080 ON MAY 17	146 RB ON APR 12	26 600 000R	1960
1961	4 930 AT 04:00 EST ON MAY 18	4 900 ON MAY 18	92.3RB ON JAN 25	31 200 000R	1961
1962	4 790 AT 09:00 EST ON MAY 7	4 700 ON MAY 7	184 RB ON MAR 27	23 900 000R	1962
1963	2 940 AT 13:00 EST ON MAY 26	2 920 ON MAY 26	133 RB ON FEB 6	17 300 000R	1963
1964	6 830 AT 03:00 EST ON MAY 2	6 540 ON MAY 1	146 RB ON MAR 31	31 800 000R	1964
1965	4 980 AT 15:00 EST ON MAY 9	4 780 ON MAY 10	105 RB ON APR 1	24 800 000R	1965
1966	5 470 AT 19:00 EST ON APR 27	5 040 ON APR 27	241 B ON MAR 7	30 800 000	1966
1967	8 000 AT 16:00 EST ON MAY 9	5 890 ON MAY 10	124 R ON SEP 18	28 500 000R	1967
1968	5 320 AT 16:00 EST ON APR 19	5 300 ON APR 19	230 B ON MAR 23	29 200 000R	1968
1969	4 790 AT 12:00 EST ON MAY 9	4 780 ON MAY 9	202 B ON APR 8	24 700 000R	1969
1970	4 670R AT 04:00 EST ON MAY 3	4 640R ON MAY 4	136 RB ON APR 14	19 700 000R	1970
1971	3 680 AT 23:00 EST ON APR 26	3 640 ON MAY 17	111 B ON APR 11	23 900 000	1971
1972	4 640 AT 00:01 EST ON MAY 8	4 470 ON MAY 8	183 B ON DEC 31	22 600 000	1972
1973	4 330 AT 09:55 EST ON MAY 13	4 110 ON MAY 13	183 B ON JAN 27	23 800 000	1973
1974	4 790 AT 15:30 EST ON MAY 15	4 640 ON MAY 15	144 ON AUG 19	25 800 000	1974
1975	4 800 AT 18:00 EST ON MAY 3	4 450 ON MAY 3	58.6E ON SEP 3	17 700 000	1975
1976	---	6 710A ON APR 23	85.0B ON DEC 27	18 600 000	1976
1977	6 090 AT 21:04 EST ON APR 23	5 970 ON APR 24	94.9B ON JAN 4	22 700 000	1977
1978	6 430 AT 07:56 EST ON MAY 18	6 400 ON MAY 18	99.1B ON MAR 28	26 000 000	1978
1979	6 330 AT 08:13 EST ON MAY 12 *	6 270 ON MAY 12 *	128 B ON JAN 25	34 500 000	1979
1980	5 010 AT 13:53 EST ON MAY 1	5 980 ON MAY 1	80.0B ON DEC 28	18 000 000	1980
1981	4 670 AT 14:43 EST ON MAY 7	4 600 ON MAY 7	34.0E ON SEP 9 *	19 200 000	1981
1982	6 150 AT 21:50 EST ON MAY 8	6 130 ON MAY 8	83.0B ON JAN 2	24 600 000	1982
				24 600 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

MORAY CREEK NEAR PARKHILL - STATION NO. 02FF005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	0.236	0.078	---	---	---	---	---	---	---	---	---	1955
1956	---	---	---	0.449	---	---	---	---	---	---	---	---	---	1956
1957	---	---	0.181	0.194	---	---	---	---	---	---	---	---	---	1957
1958	---	---	0.409	0.082	---	---	---	---	---	---	---	---	---	1958
1959	---	---	1.44	0.511	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	0.223	---	---	---	---	---	---	---	---	---	1960
1961	---	---	0.031	0.149	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	0.042	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	0.142	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	0.198	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	0.556	---	---	---	---	---	---	---	---	---	1965
1966	---	---	0.266	---	---	---	---	---	---	---	---	---	---	1966
MEAN	---	---	0.427	0.239	---	---	---	---	---	---	---	---	---	MEAN

LOCATION - LAT 43 13 00 N DRAINAGE AREA, 28.5 km²
LONG 81 44 44 W NATURAL FLOW

MOUNT PLEASANT CREEK NEAR BURTCH - STATION NO. 02GB011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	0.130	0.103	0.104	0.112	0.128	---	1964
1965	0.139	0.415	0.804	0.647	0.177	0.100	0.097	0.108	0.119	0.109	0.116	0.198	0.251	1965
1966	0.169	0.203	0.415	0.248	0.196	0.127	0.074	0.104	0.145	0.118	0.153	0.279	0.186	1966
1967	0.251	0.196	0.345	0.419	0.233	0.161	0.128	0.119	0.125	0.125	0.156	0.221	0.207	1967
1968	0.170	0.838	0.380	0.238	0.204	0.174	0.196	0.108	0.118	0.118	0.199	0.236	0.230	1968
1969	0.926	0.373	0.387	0.641	0.364	0.239	0.119	0.112	0.106	0.121	0.134	0.137	0.305	1969
1970	0.188	0.177	0.333	0.522	0.215	0.159	0.140	0.119	0.204	0.183	0.160	0.238	0.215	1970
1971	0.162	0.414	0.700	0.315	0.145	0.150	0.118	0.107	0.123	0.103	0.100	0.127	0.213	1971
1972	---	---	---	0.674	0.259	0.171	0.148	0.188	0.134	0.146	0.242	0.335	---	1972
1973	0.354	0.294	0.625	0.428	0.310	0.183	0.128	0.117	0.138	0.156	0.298	0.331	0.298	1973
1974	0.542	0.476	0.582	0.443	0.535	0.284	0.175	0.152	0.181	0.163	0.188	0.217	0.327	1974
1975	0.253	0.378	0.634	0.418	0.234	0.201	0.150	0.136	0.173	0.148	0.194	0.248	0.283	1975
1976	0.282	0.665	0.844	0.488	0.288	0.221	0.218	0.197	0.170	---	---	---	---	1976
1977	---	---	---	---	0.210	0.158	0.198	0.155	0.358	---	---	---	---	1977
MEAN	0.311	0.385	0.588	0.455	0.275	0.180	0.145	0.132	0.157	0.131	0.171	0.225	0.250	MEAN

LOCATION - LAT 43 04 04 N DRAINAGE AREA, 29.0 km²
LONG 80 15 40 W NATURAL FLOW

MOUNT PLEASANT CREEK NEAR BURTCH - STATION NO. 02GB011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1964	---	---	---	---	1964
1965	---	5.95 ON MAR 5	0.085 ON OCT 28	7 820	1965
1966	---	1.03 ON MAR 1	0.042 ON JUL 17 *	5 870	1966
1967	---	1.00 ON APR 6	0.085 ON OCT 26	6 520	1967
1968	---	6.63 ON FEB 2	0.045 ON OCT 17	7 270	1968
1969	---	7.87 ON JAN 30 *	0.091 ON JUL 26	9 610	1969
1970	---	2.21 ON APR 2	0.105 ON AUG 9	6 820	1970
1971	---	3.09 ON MAR 15	0.074 ON AUG 6	6 710	1971
1972	---	---	---	---	1972
1973	2.08E AT 12:42 EST ON MAR 17	1.48E ON MAR 14	0.062 ON JUL 27	9 400	1973
1974	4.70E AT 05:24 EST ON JAN 27	2.45E ON JAN 27	0.116 ON JUL 26	10 300	1974
1975	3.77 AT 19:19 EST ON MAR 19	2.08 ON FEB 24	0.057 ON JUL 30	8 300	1975
1976	8.41 AT 15:48 EST ON MAR 5 *	3.82 ON MAR 5	0.095 ON SEP 25	---	1976
1977	---	---	---	---	1977
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		7 870	MEAN

E - ESTIMATED

MUSKOKA RIVER AT HIGHWAY NO. 69 - STATION NO. 02EB012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	---	---	---	---	1965
1966	83.5	77.9	83.7	72.9	52.5	43.9	12.0	---	50.1	85.4	82.4	83.7	---	1966
1967	91.3	84.5	81.6	88.2	47.7	68.2	50.9	8.33	19.3	27.7	76.3	89.9	53.8	1967
1968	84.9	87.7	96.2	70.2	21.2	17.0	26.1	28.7	56.7	73.0	94.7	98.0	73.2	1968
1969	70.2	84.4	73.2	101	108	54.8	37.1	29.5	50.7	32.9	34.0	75.2	53.7	1969
1970	88.8	88.1	87.4	83.1	112	29.2	67.5	48.1	37.5	85.3	87.8	86.9	70.2	1970
1971	72.1	80.4	93.3	97.3	88.5	12.8	19.8	16.0	25.1	14.6	31.1	88.4	51.5	1971
1972	80.0	84.0	91.4	95.5	92.8	27.9	57.6	71.8	45.8	52.5	76.8	86.4	71.9	1972
1973	89.2	86.8	98.0	116	104	81.4	44.3	41.4	24.2	44.3	63.6	92.0	75.3	1973
1974	81.4	84.2	92.8	105	121	37.0	21.2	12.2	40.0	82.3	97.6	89.3	72.7	1974
1975	89.3	78.4	95.8	97.9	74.1	10.1	8.50	14.0	41.5	42.1	36.1	86.5	55.3	1975
1976	85.5	90.8	92.8	85.4	89.8	28.1	37.7	13.1	16.3	18.8	30.2	75.2	53.8	1976
1977	48.8	51.7	95.1	97.5	41.9	5.81	18.2	12.3	50.7	92.3	81.1	96.1	57.8	1977
1978	84.7	72.4	88.0	82.0	108	43.8	13.0	15.5	48.1	68.0	58.7	82.4	62.8	1978
1979	82.3	89.8	95.8	94.3	92.9	39.2	10.5	21.1	36.2	72.3	85.7	89.9	69.2	1979
1980	86.0	79.8	84.9	98.6	34.9	39.5	45.9	48.5	50.9	85.0	83.1	85.3	69.3	1980
1981	70.8	83.4	86.9	88.1	57.5	42.3	15.3	8.43	95.7	89.7	57.4	83.9	63.9	1981
1982	84.2	78.9	85.3	95.8	43.4	56.8	22.9	14.4	40.5	52.9	86.5	97.0	61.9	1982
1983	84.4	84.6	83.3	85.6	93.2	55.2	15.5	4.50	19.4	81.3	49.3	96.4	61.8	1983
1984	81.8	84.8	93.7	89.9	46.3	57.7	39.0	10.5	34.1	43.0	72.1	94.2	62.1	1984
MEAN	80.5	83.1	88.4	91.3	74.1	39.5	29.6	22.8	40.7	58.8	69.0	86.8	63.4	MEAN

LOCATION - LAT 45 01 30 N
LONG 79 46 30 W REGULATED

MUSKOKA RIVER AT HIGHWAY NO. 69 - STATION NO. 02EB012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	114R AT 15:30 EST ON APR 27	137 ON NOV 14	1.83 ON AUG 3	1 700 000	1967
1968	108 AT 03:00 EST ON FEB 5	108 ON APR 27	17.7 ON MAY 21	2 310 000	1968
1969	144 AT 09:42 EST ON APR 13	108 ON FEB 5	1.09 ON JUN 23	1 700 000	1969
		139 ON APR 13 *	11.2 ON AUG 11	2 030 000	
1970	125 AT 13:45 EST ON APR 30	123 ON APR 30	4.64 ON JUN 24	2 220 000	1970
1971	126 AT 20:18 EST ON MAY 4	121 ON MAY 7	0.937 ON OCT 16	1 620 000	1971
1972	131 AT 23:23 EST ON MAY 17	110 ON MAR 28	0.923 ON JUN 11	2 270 000	1972
1973	138 AT 17:22 EST ON MAY 4	137 ON MAY 11	0.688E ON JUL 28	2 380 000	1973
1974	145 AT 16:01 EST ON MAY 3 *	137 ON MAY 6	1.23 ON AUG 7	2 290 000	1974
1975	139 AT 11:49 EST ON MAY 8	135 ON MAY 8	0.368E ON MAY 29	1 750 000	1975
1976	110 AT 16:56 EST ON APR 8	109 ON APR 8	2.62 E ON SEP 8	1 700 000	1976
1977	123 AT 22:26 EST ON MAR 14	121 ON MAR 14	0.360E ON JUN 15	1 820 000	1977
1978	125 AT 11:40 EST ON MAY 17	122 ON MAY 17	1.56 ON JUL 29	1 980 000	1978
1979	129 AT 21:21 EST ON FEB 12	110 ON DEC 26	2.85 E ON JUL 26	2 180 000	1979
1980	114 AT 12:00 EST ON APR 2	111 ON APR 2	0.887E ON OCT 1	2 190 000	1980
1981	120 AT 20:27 EST ON SEP 6	118 ON APR 15	2.91 E ON JUL 18	2 010 000	1981
1982	117 AT 21:40 EST ON MAY 6	114 ON MAY 6	0.358E ON MAY 23 *	1 950 000	1982
1983	111 AT 01:27 EST ON DEC 10	109 ON DEC 10	0.695E ON JUL 26	1 950 000	1983
1984	118 AT 17:31 EST ON DEC 29	113 ON DEC 29	2.41 ON SEP 18	1 860 000	1984
				2 000 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

MUSKOKA RIVER AT RAGGED RAPIDS - STATION NO. 02EB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	---	---	---	---	---	28.8	---	1923
1924	22.5	20.9	31.8	45.8	46.2	26.8	15.6	7.65	5.51	6.36	4.54	19.4	21.1	1924
1925	10.8	21.1	31.0	53.4	20.8	17.8	9.08	9.27	5.56	4.81	23.8	23.8	19.2	1925
1926	14.9	14.3	22.8	31.6	56.0	33.7	19.8	14.7	11.6	---	---	---	---	1926
1937	---	---	---	---	---	---	1.53	1.66	0.723	0.853	1.49	1.81	---	1937
1938	2.00	2.72	2.18	24.8	36.7	41.4	5.26	3.55	6.81	16.2	35.1	51.5	19.0	1938
1939	48.1	48.9	37.9	42.6	57.2	29.2	26.2	29.8	35.6	35.1	42.7	34.3	38.9	1939
1940	37.3	35.7	36.0	47.2	58.8	45.3	28.4	31.9	52.9	54.0	73.8	83.1	48.7	1940
1941	76.9	62.6	61.6	78.9	80.6	21.8	21.0	19.1	16.1	26.6	62.8	74.1	48.4	1941
1942	66.7	58.5	58.2	60.3	61.9	57.0	27.8	23.1	14.5	45.2	76.2	79.9	52.4	1942
1943	67.0	75.6	83.4	81.9	83.5	58.6	42.6	39.3	28.1	25.5	39.6	50.6	56.2	1943
1944	40.5	48.3	46.6	76.3	66.4	39.2	36.0	33.9	27.5	40.1	57.3	64.6	48.2	1944
1945	48.2	41.3	75.6	76.0	78.6	75.6	41.5	27.6	26.7	35.0	61.5	67.5	54.7	1945
1946	73.7	74.9	77.9	83.1	81.5	52.3	24.9	13.6	15.7	23.4	22.0	55.7	46.4	1946
1947	70.6	77.7	78.5	85.6	86.2	68.0	37.4	29.7	21.9	24.2	22.5	37.5	54.0	1947
1948	42.0	57.7	68.0	83.5	86.0	46.6	26.6	21.0	16.3	16.5	54.6	75.3	47.9	1948
1949	76.0	86.4	89.2	91.8	57.6	42.7	39.4	18.8	10.7	16.7	19.6	51.1	50.1	1949
1950	81.7	90.9	70.5	68.7	65.3	36.0	22.1	17.1	16.6	19.0	41.7	86.0	53.6	1950
1951	80.7	80.0	91.1	92.7	70.3	25.4	26.9	25.4	22.3	53.5	96.0	93.8	61.9	1951
1952	92.1	77.2	67.4	66.8	65.9	44.4	26.4	23.6	46.5	25.8	45.1	87.2	57.2	1952
1953	88.9	84.4	86.4	77.9	67.0	37.1	28.2	18.2	16.6	19.5	19.0	57.5	46.7	1953
1954	52.0	55.7	83.6	83.0	65.1	80.7	23.0	19.6	43.4	81.5	80.8	89.2	59.6	1954
1955	53.6	70.8	73.6	83.8	42.4	17.6	13.7	11.5	10.0	22.7	67.8	42.1	42.2	1955
1956	61.8	65.3	68.9	60.9	84.6	53.5	67.0	20.4	53.6	50.6	45.0	78.7	55.8	1956
1957	74.3	87.5	87.9	74.0	31.5	48.0	72.9	14.8	52.6	44.5	76.4	85.5	62.3	1957
1958	87.6	73.6	84.1	61.0	7.08	15.1	27.4	16.8	33.9	38.9	64.1	80.2	48.2	1958
1959	64.8	75.3	82.6	65.1	76.9	34.9	17.8	25.7	36.5	47.2	76.9	85.4	57.6	1959
1960	84.4	89.8	74.0	68.7	64.6	52.7	28.0	27.6	18.6	19.1	50.4	41.9	53.1	1960
1961	63.8	34.8	78.9	80.4	68.8	37.5	35.1	26.1	28.0	18.8	23.3	64.8	43.6	1961
1962	51.6	80.3	84.0	72.3	55.3	16.3	6.44	9.43	14.1	35.2	25.8	42.3	38.2	1962
1963	53.2	46.9	46.8	59.3	64.1	29.4	10.6	16.9	34.1	27.8	33.4	83.0	38.9	1963
1964	56.9	79.6	77.4	53.0	71.4	14.4	7.48	10.8	25.4	32.3	21.8	54.3	41.9	1964
1965	81.5	84.3	83.0	72.4	53.8	12.4	11.6	23.6	49.7	64.2	81.7	82.3	59.9	1965
1966	82.6	77.3	82.9	72.3	52.0	43.5	11.9	8.25	19.2	27.4	75.3	82.3	52.7	1966
1967	82.1	85.0	79.7	86.0	43.5	66.0	47.0	24.9	50.3	---	---	---	---	1967
MEAN	58.2	60.2	66.1	70.2	59.1	39.4	26.2	19.9	25.5	31.9	47.4	59.3	47.7	MEAN

LOCATION - LAT 45 00 56 N
LONG 79 41 20 W REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

REMARKS - FORMERLY PUBLISHED AS "MUSQUASH RIVER"

MUSKOKA RIVER AT RAGGED RAPIDS - STATION NO. 02EB010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	54.4 ON MAY 13	4.02 ON NOV 4	667 000	1924
1925	---	60.0 ON APR 12	3.51 ON JUL 25	604 000	1925
1926	---	67.1 ON MAY 13	---	---	1926
1937	---	---	---	---	1937
1938	---	82.1 ON NOV 28	0 ON OCT 1 *	800 000	1938
1939	---	83.3 ON MAY 6	10.4 ON JUN 11	1 230 000	1939
1940	---	110 ON NOV 20	18.2 ON JUN 23	1 540 000	1940
1941	---	99.1 ON APR 18	8.54 ON AUG 24	1 530 000	1941
1942	---	91.7 ON NOV 11	7.82 ON SEP 20	1 650 000	1942
1943	---	115 ON MAY 1	8.55 ON OCT 31	1 770 000	1943
1944	---	92.6 ON APR 23	8.95 ON SEP 3	1 520 000	1944
1945	---	130 ON MAR 24	8.13 ON OCT 14	1 720 000	1945
1946	---	90.0 ON APR 11	0.198 ON AUG 4	1 480 000	1946
1947	---	106 ON APR 27	8.07 ON SEP 7	1 700 000	1947
1948	---	107 ON NOV 25	5.64 ON OCT 3	1 510 000	1948
1949	---	111 ON APR 5	1.78 ON SEP 11	1 580 000	1949
1950	---	121 ON DEC 10	5.64 ON AUG 13	1 690 000	1950
1951	---	168 ON MAR 31 *	10.8 ON SEP 9	1 950 000	1951
1952	---	109 ON JAN 30	15.4 ON OCT 19	1 810 000	1952
1953	---	116 ON MAY 2	9.17 ON SEP 8	1 470 000	1953
1954	---	92.3 ON APR 13	12.3 ON AUG 21	1 880 000	1954
1955	---	93.2 ON APR 2	3.91 ON SEP 24	1 330 000	1955
1956	---	98.0 ON JUL 15	14.3 ON AUG 19	1 770 000	1956
1957	---	111 ON MAR 19	3.82 ON AUG 4	1 980 000	1957
1958	---	101 ON JAN 28	0 ON MAY 10	1 480 000	1958
1959	---	92.6 ON MAY 22	2.12 ON JUN 24	1 820 000	1959
1960	---	96.6 ON NOV 22	8.20 ON OCT 15	1 680 000	1960
1961	---	84.6 ON APR 21	8.72 ON OCT 15	1 370 000	1961
1962	---	92.6 ON APR 1	0.113 ON JUL 11	1 230 000	1962
1963	---	89.6 ON MAY 22	0 ON APR 27	1 230 000	1963
1964	---	90.9 ON MAY 14	0.028 ON APR 19	1 320 000	1964
1965	---	88.9 ON OCT 2	0 ON MAY 28	1 880 000	1965
1966	---	136 ON NOV 14	1.70 ON AUG 3	1 880 000	1966
1967	---	108 ON MAR 9	14.4 ON MAY 20	---	1967
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 800 000	MEAN

MUSKOKA RIVER BELOW BALA - STATION NO. 02EB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1937	---	---	---	---	---	---	19.8	25.0	24.1	38.1	112	84.3	---	1937
1938	44.0	46.9	140	272	95.1	71.3	20.9	18.1	34.4	44.7	53.5	61.8	75.2	1938
1939	48.5	54.0	89.3	186	241	30.9	25.5	30.1	36.0	35.2	42.7	34.4	66.8	1939
1940	37.3	35.7	36.0	87.4	130	73.1	28.7	32.2	57.3	54.2	88.8	93.2	61.2	1940
1941	64.3	62.8	61.8	183	88.2	21.9	21.4	19.6	18.4	26.8	101	86.9	62.7	1941
1942	66.0	56.8	82.4	189	135	80.5	28.2	23.6	14.9	46.3	103	87.2	78.6	1942
1943	67.2	75.4	104	183	280	74.0	43.3	40.1	29.1	25.7	39.6	49.6	83.8	1943
1944	40.5	46.3	47.1	88.5	95.9	41.2	38.5	34.2	27.7	40.2	57.4	64.6	52.0	1944
1945	46.6	41.3	138	148	113	85.1	42.3	27.9	26.9	35.1	81.5	67.5	70.6	1945
1946	81.0	102	168	103	69.9	54.1	25.4	14.0	16.1	23.5	22.1	55.7	60.8	1946
1947	70.6	78.5	116	232	263	128	37.7	40.0	22.4	24.4	22.5	37.6	89.3	1947
1948	42.0	57.7	116	253	92.6	54.6	27.6	21.4	16.9	16.7	61.3	79.1	69.6	1948
1949	82.7	108	121	259	73.7	43.2	39.9	19.4	11.1	19.0	19.7	60.3	71.1	1949
1950	182	137	72.2	136	83.2	36.4	22.6	17.5	16.9	19.2	41.7	85.1	71.4	1950
1951	85.2	60.2	112	317	187	25.8	28.7	25.6	22.6	53.6	153	123	99.5	1951
1952	112	78.5	67.8	211	98.0	46.5	26.9	24.1	46.2	26.0	45.1	101	73.6	1952
1953	88.4	64.3	132	156	77.6	36.0	28.6	18.6	17.4	20.1	19.4	57.8	58.3	1953
1954	52.1	55.6	133	170	94.7	66.9	23.6	20.1	43.9	176	118	73.0	85.9	1954
1955	54.1	71.7	74.4	182	80.1	18.6	14.8	12.8	11.5	23.3	86.6	43.0	54.9	1955
1956	42.4	46.0	89.7	78.3	164	82.4	66.2	21.7	57.3	51.6	45.7	78.4	67.3	1956
1957	74.8	88.1	101	99.8	32.1	56.1	171	16.4	65.5	48.9	132	150	86.1	1957
1958	133	79.1	85.7	85.5	8.06	15.3	27.8	17.3	34.5	45.4	58.9	81.0	52.5	1958
1959	45.0	81.6	81.0	186	170	43.5	18.4	26.3	37.3	48.0	117	108	81.7	1959
1960	85.2	70.6	77.1	260	200	61.6	57.0	29.2	28.2	28.3	54.3	42.5	82.7	1960
1961	44.4	35.4	81.9	129	82.6	38.9	35.7	27.3	28.7	20.8	24.0	45.4	50.2	1961
1962	52.2	80.8	84.6	108	89.7	16.6	6.79	10.6	15.2	36.3	26.5	42.8	43.9	1962
1963	53.7	46.5	51.7	132	110	33.3	11.1	20.0	35.3	29.0	34.3	83.6	51.7	1963
1964	56.3	79.9	83.0	53.6	76.7	15.2	8.58	10.9	25.8	32.0	21.8	58.8	43.5	1964
1965	89.9	90.7	83.6	138	129	12.8	11.9	24.5	60.3	181	89.8	162	88.1	1965
1966	111	78.8	105	81.7	85.6	44.3	12.2	8.86	20.1	28.6	117	240	75.3	1966
1967	86.3	89.5	81.3	202	52.6	95.8	51.9	29.8	58.7	86.7	222	125	101	1967
1968	101	121	115	111	26.3	18.8	28.7	30.3	51.8	33.7	35.0	77.6	62.1	1968
1969	71.6	85.8	81.4	164	153	70.2	39.1	18.4	28.4	42.9	118	82.5	80.1	1969
1970	71.1	88.4	70.0	135	138	34.9	105	50.6	37.9	86.3	89.7	88.7	81.5	1970
1971	73.3	81.6	130	169	132	29.8	20.5	15.9	27.0	20.1	32.0	70.8	68.5	1971
1972	81.5	85.3	94.6	176	170	47.5	58.3	72.8	46.4	57.5	103	88.5	90.1	1972
1973	106	134	210	196	120	98.7	47.7	45.1	28.0	47.2	67.8	100	89.9	1973
1974	85.3	106	150	203	203	52.5	25.6	16.5	42.5	97.0	117	95.6	99.4	1974
1975	72.2	81.6	145	154	133	12.9	9.29	15.3	42.7	42.9	37.5	128	73.0	1975
1976	87.5	93.3	168	233	88.3	32.3	42.3	17.5	22.6	22.2	34.4	79.8	78.6	1976
1977	52.8	55.9	154	161	44.6	6.76	19.5	14.0	52.5	124	112	112	75.6	1977
1978	97.6	74.6	70.2	113	142	50.3	14.3	16.7	49.4	88.3	80.9	84.7	70.2	1978
1979	84.7	91.5	166	239	149	43.2	14.8	22.0	38.3	75.4	117	151	89.3	1979
1980	112	82.2	88.7	258	77.5	88.1	59.6	58.2	72.9	118	117	92.0	100	1980
1981	76.0	108 R	184 R	129 R	75.8	48.5	20.4	8.39	198	107	82.7	88.9	90.2R	1981
1982	88.5	79.7	96.6	199	92.0	85.4	24.3	15.2	41.4	83.8	121	205	89.2	1982
1983	156	110	130	87.3	203	78.5	18.1	5.34	20.5	82.7	51.2	98.9	85.0	1983
1984	83.6	138	154	161	84.6	82.6	40.2	11.6	35.7	44.2	77.8	103	85.1	1984
MEAN	77.7	78.0R	107 R	165 R	117	50.4	33.6	23.8	37.4	51.8	73.9	88.8	75.3	MEAN

DRAINAGE AREA, 4 770 km²
REGULATED

R - REVISED SINCE JAN 1980

REMARKS - DAILY DISCHARGES OBTAINED BY SUMMATION OF FLOWS AT 02EB011 AND 02EB012

MUSKOKA RIVER BELOW BALA - STATION NO. 02EB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1937	---	---	---	---	1937
1938	---	326 ON APR 4	7.87 ON JUL 21	2 370 000	1938
1939	---	311 ON MAY 6	7.99 ON JUN 15	2 170 000	1939
1940	---	189 ON JUN 1	18.5 ON JUN 23	1 540 000	1940
1941	---	286 ON APR 27	6.88 ON AUG 24	1 580 000	1941
1942	---	255 ON APR 12	8.07 ON SEP 20	2 480 000	1942
1943	---	337 ON MAY 14	8.67 ON OCT 31	2 640 000	1943
1944	---	157 ON APR 28	9.20 ON SEP 3	1 850 000	1944
1945	---	279 ON APR 3	8.21 ON OCT 14	2 220 000	1945
1946	---	258 ON MAR 31	0.851 ON AUG 4	1 920 000	1946
1947	---	345 ON MAY 3	8.18 ON NOV 2	2 620 000	1947
1948	---	292 ON APR 14	6.17 ON OCT 3	2 210 000	1948
1949	---	286 ON APR 10	2.15 ON SEP 11	2 240 000	1949
1950	---	200 ON JAN 10	5.83 ON AUG 13	2 250 000	1950
1951	---	368 ON APR 15 *	11.5 ON SEP 9	3 140 000	1951
1952	---	276 ON APR 25	15.4 ON OCT 19	2 320 000	1952
1953	---	254 ON APR 2	9.74 ON SEP 8	1 840 000	1953
1954	---	274 ON OCT 21	12.7 ON AUG 21	2 710 000	1954
1955	---	276 ON APR 28	5.27 ON SEP 24	1 730 000	1955
1956	---	261 ON MAY 17	12.3 ON APR 1	2 130 000	1956
1957	---	320 ON JUL 7	4.28 ON AUG 4	2 720 000	1957
1958	---	235 ON JAN 1	0.227 ON JUN 2	1 850 000	1958
1959	---	303 ON MAY 3	3.57 ON JUN 28	2 580 000	1959
1960	---	340 ON APR 28	7.02 ON OCT 15	2 820 000	1960
1961	---	238 ON MAY 1	9.88 ON OCT 15	1 560 000	1961
1962	---	184 ON APR 10	0.453 ON JUL 11	1 390 000	1962
1963	---	234 ON APR 8	0.142 ON APR 27 *	1 630 000	1963
1964	---	121 ON MAY 14	0.538 ON APR 19	1 380 000	1964
1965	---	224 ON MAY 3	3.74 ON JUN 4	2 780 000	1965
1966	---	337 ON DEC 12	2.04 ON AUG 3	2 380 000	1966
1967	---	294 ON NOV 7	21.0 ON AUG 18	3 200 000	1967
1968	---	215 ON APR 5	1.68 ON JUN 23	1 870 000	1968
1969	---	271 ON MAY 24	12.0 ON AUG 11	2 530 000	1969
1970	---	236 ON APR 27	5.35 ON JUN 24	2 570 000	1970
1971	---	269 ON APR 26	4.45 ON OCT 15	2 180 000	1971
1972	---	252 ON APR 30	5.75 ON JUN 18	2 680 000	1972
1973	---	292 ON APR 6	4.22 ON JUL 28	3 150 000	1973
1974	---	294 ON APR 28	5.89 ON AUG 7	3 130 000	1974
1975	---	285 ON MAY 5	1.99 ON JUN 14	2 300 000	1975
1976	---	357 ON APR 7	6.77 ON SEP 8	2 420 000	1976
1977	---	252 ON APR 8	1.32 E ON JUN 15	2 390 000	1977
1978	---	207 ON MAY 1	2.44 ON JUL 29	2 210 000	1978
1979	---	321 ON APR 7	5.24 ON AUG 2	3 130 000	1979
1980	---	357 ON APR 19	8.45 ON AUG 21	3 170 000	1980
1981	---	298 ON SEP 9	5.03 ON AUG 24	2 850 000R	1981
1982	---	303 ON APR 29	8.28 ON AUG 21	2 810 000	1982
1983	---	314 ON MAY 12	1.31 ON JUL 26	2 880 000	1983
1984	---	289 ON MAY 30	4.40 ON SEP 18	2 890 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 380 000R	MEAN

E - ESTIMATED R - REVISED SINCE JAN 1980

MUSKOKA RIVER NEAR BALA - STATION NO. 02EB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	---	---	---	---	---	93.1	---	1923
1924	74.2	68.9	105	162	163	86.6	48.1	21.8	15.1	18.8	12.2	63.0	69.6	1924
1925	34.7	69.3	105	196	89.0	56.9	28.1	28.7	15.9	13.6	76.8	76.8	64.2	1925
1926	47.8	46.1	75.3	108	207	114	64.2	47.2	36.8	49.2	170	148	92.7	1926
1927	70.8	61.3	114	92.5	125	104	75.6	41.6	29.5	52.7	82.1	133	80.4	1927
1928	88.2	79.5	108	296	186	89.2	102	61.8	70.2	170	153	128	128	1928
1929	95.7	91.2	154	299	256	75.1	42.4	15.8	13.6	19.0	32.8	57.5	95.9	1929
1930	48.8	68.5	116	133	142	80.7	53.8	27.8	20.4	35.1	33.0	51.5	67.5	1930
1931	41.9	36.5	41.2	128	86.2	34.1	18.9	15.8	15.4	15.9	53.9	97.1	48.9	1931
1932	125	120	108	155	97.6	46.9	44.4	28.5	97.0	144	180	108	104	1932
1933	112	84.8	72.9	217	150	55.6	30.8	23.6	18.8	23.6	26.9	93.0	72.0	1933
1934	43.5	48.1	91.4	189	139	41.5	30.8	14.4	15.4	22.1	56.2	77.8	62.4	1934
1935	52.9	50.7	82.3	124	52.8	80.6	67.4	23.3	18.7	42.3	71.4	77.0	62.8	1935
1936	40.4	38.7	108	150	182	76.9	24.5	18.1	17.8	33.7	72.9	43.5	67.1	1936
1937	166	81.7	96.2	152	141	58.5	---	---	---	---	---	---	---	1937
MEAN	74.4	68.1	99.1	170	143	70.0	48.2	28.2	28.3	49.3	77.3	88.0	78.0	MEAN

LOCATION - LAT 45 01 30 N DRAINAGE AREA, 4 840 km^2
LONG 79 40 28 W REGULATED

MUSKOKA RIVER NEAR BALA - STATION NO. 02EB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	199 ON MAY 13	10.4 ON NOV 4	2 210 000	1924
1925	---	226 ON APR 12	8.55 ON JUL 25 *	2 020 000	1925
1926	---	285 ON MAY 13	16.6 ON AUG 17	2 820 000	1926
1927	---	182 ON MAY 20	21.7 ON SEP 12	2 540 000	1927
1928	---	388 ON APR 18 *	24.2 ON JUN 18	3 980 000	1928
1929	---	328 ON APR 16	12.9 ON SEP 21	3 030 000	1929
1930	---	210 ON APR 23	17.8 ON OCT 14	2 130 000	1930
1931	---	188 ON APR 14	16.3 ON AUG 14	1 540 000	1931
1932	---	214 ON APR 17	15.6 ON JUN 30	3 300 000	1932
1933	---	274 ON APR 22	14.3 ON AUG 23	2 270 000	1933
1934	---	219 ON APR 24	10.8 ON AUG 8	1 970 000	1934
1935	---	167 ON MAR 27	8.83 ON SEP 18	1 970 000	1935
1936	---	303 ON MAY 8	14.7 ON JUL 19	2 120 000	1936
1937	---	231 ON APR 29	29.2 ON JUN 28	---	1937
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 480 000	MEAN

MUSKRAT RIVER NEAR PEMBROKE - STATION NO. 02KC015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	1.12	1.52	10.2	27.4	19.5	12.3	3.19	0.637	0.628	0.892	3.18	1.27	8.80	1969
1970	0.285	0.510	0.757	17.2	18.1	5.18	0.849	0.897	0.810	0.548	2.08	2.45	4.19	1970
1971	1.87	1.17	1.08	23.6	22.5	4.70	0.596	0.527	0.443	1.22	1.84	2.85	5.15	1971
1972	0.854	0.382	0.817	21.0	27.1	9.83	7.15	4.72	4.03	8.14	14.2	9.88	8.83	1972
1973	8.89	5.48	19.9	36.2	17.3	9.40	3.87	1.33	1.04	0.818	4.74	4.22	9.25	1973
1974	3.48	2.57	8.24	28.0	27.8	12.1	1.82	0.853	0.884	0.540	3.21	3.44	7.80	1974
1975	3.25	2.02	4.34	16.7	17.8	3.94	1.23	0.554	0.415	0.450	2.34	2.38	4.63	1975
1976	1.13	1.26	9.41	33.2	11.6	5.87	3.58	3.01	2.24	2.79	4.93	2.84	8.80	1976
1977	1.48	1.25	11.5	18.4	8.78	0.253	0.298	0.284	0.206	0.081	2.98	8.92	4.13	1977
1978	4.41	4.42	3.39	26.4	22.5	---	---	---	---	---	---	---	---	1978
MEAN	2.48	2.10	6.74	24.8	19.0	7.17	2.51	1.41	1.18	1.48	4.39	3.88	6.38	MEAN

LOCATION - LAT 45 47 53 N
LONG 77 08 25 W
DRAINAGE AREA, 888 km^2
REGULATED

MUSKRAT RIVER NEAR PEMBROKE - STATION NO. 02KC015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	94.9 ON APR 2 *	0.544 ON AUG 2	214 000	1969
1970	36.08 AT 08:40 EST ON APR 14	28.6 ON APR 21	0.2048 ON JAN 24	132 000	1970
1971	51.3 AT 22:20 EST ON APR 21	48.0 ON APR 22	0.385 ON OCT 7	163 000	1971
1972	52.7 AT 15:25 EST ON APR 21 *	48.7 ON APR 25	0.3089 ON FEB 10	278 000	1972
1973	---	51.0 ON APR 5	0.731 ON OCT 31	292 000	1973
1974	---	38.5 ON APR 17	0.292 ON NOV 7	240 000	1974
1975	---	34.8 ON APR 24	0.139 ON OCT 27	146 000	1975
1976	---	51.0 ON APR 3	0.8918 ON FEB 8	215 000	1976
1977	26.8 AT 16:30 EST ON APR 5	24.9 ON APR 5	0.045 ON OCT 18 *	130 000	1977
1978	52.4 AT 04:25 EST ON APR 21	51.8 ON APR 21	---	---	1978
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		201 000	MEAN

MUSWABIK RIVER AT OUTLET OF MUSWABIK LAKE - STATION NO. 04GF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	---	36.9	---	---	---	---	1970
1971	---	---	---	---	---	20.7	7.48	23.7	---	---	---	---	---	1971
1973	---	---	---	11.2	80.0	28.1	38.4	---	8.47	7.17	8.01	7.73	---	1973
1976	---	---	---	---	---	18.3	8.88	10.5	13.8	10.1	4.17	1.82	---	1976
1977	1.38	1.10	0.988	21.4	41.7	10.4	17.2	---	---	---	---	---	---	1977
1978	2.18	1.28	1.33	24.2	57.0	20.4	14.2	8.58	22.1	17.3	10.1	4.45	15.3	1978
1980	2.40	1.67	1.58	8.21	83.5	8.57	4.04	3.03	8.77	23.8	15.5	3.68	11.9	1980
1981	1.58	1.27	2.77	3.87	83.4	25.0	10.1	3.78	4.10	4.72	4.43	2.00	10.7	1981
1982	0.902	0.387	0.183	0.610	76.3	15.1	10.1	13.0	24.3	33.8	21.6	8.35	17.0	1982
1983	2.09	1.01	0.628	0.358	36.3	17.8	20.0	8.10	4.10	31.1	27.5	10.9	13.4	1983
1984	3.19	0.840	0.316	18.2	51.8	38.5	21.9	19.1	8.30	8.15	8.88	4.38	15.0	1984
MEAN	1.88	1.10	1.10	10.8	88.7	20.2	15.0	11.2	13.9	17.0	12.2	8.17	13.9	MEAN

LOCATION - LAT 51 31 32 N
LONG 88 04 13 W
DRAINAGE AREA, 1 880 km^2
NATURAL FLOW

MUSWABIK RIVER AT OUTLET OF MUSWABIK LAKE - STATION NO. 04GF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1973	---	---	---	---	1973
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	---	92.0B ON APR 27	1.15 B ON MAR 14	484 000	1978
1980	89.6 AT 00:14 EST ON MAY 5	89.3 ON MAY 4	1.54 B ON APR 8	375 000	1980
1981	81.5 AT 03:26 EST ON MAY 15	89.7 ON MAY 13	1.00 B ON FEB 15	336 000	1981
1982	157 AT 02:30 EST ON MAY 10 *	155 ON MAY 9 *	0.1588 ON MAR 30 *	536 000	1982
1983	83.0 AT 12:05 EST ON OCT 25	82.0 ON OCT 26	0.3208 ON APR 23	423 000	1983
1984	---	88.0E ON APR 29	0.2108 ON APR 8	474 000	1984
				438 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NAGAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO. 04JC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	40.4	17.0	11.6	10.3	17.5	12.8 R	---	1950
1951	6.28R	4.95R	4.93R	33.1 R	120	31.0	14.6	8.37	3.35	13.7	18.6 R	18.6 R	23.2R	1951
1952	10.3 R	7.01R	6.07R	41.0 R	72.7	51.0	25.6	11.8	6.70	7.83R	7.85R	17.2 R	22.1R	1952
1953	7.39R	6.97	7.62R	24.1 R	127 R	73.4	22.3	8.35	5.71	6.45	5.51	7.62R	25.3R	1953
1954	4.84R	5.58R	5.95R	20.8 R	128	53.6	28.4	13.4	7.01	18.1	21.0	11.9	26.8R	1954
1955	6.17	3.82	3.22	16.8	51.1R	31.8	9.64	3.48	1.48	12.9	20.8	12.1	14.5R	1955
1956	6.35	6.40	4.99	11.4	84.6	86.7	34.1	12.3	8.33	7.68	7.08	6.26	19.9	1956
1957	5.22	4.55	4.49	23.4	88.1	44.5	54.7	14.4	7.24	7.30	13.2	11.9	21.7	1957
1958	6.89	5.95	4.95	44.8	71.0	54.4	63.6	23.4	27.3	17.5	24.9	21.2	30.6	1958
1959	10.9	5.70	5.06	9.27	72.2	51.2	14.6	11.7	10.8	18.8	21.2 R	13.8 R	20.5R	1959
1960	9.37R	6.48R	4.28R	15.0 R	128	59.8	19.3	14.8	9.49	8.89	13.2 R	12.5 R	25.2R	1960
1961	6.50R	3.47R	4.28R	26.7 R	110	49.7	27.1	10.7	15.2	34.3	32.1	19.1 R	28.4R	1961
1962	7.54R	4.74R	6.29R	8.50R	70.4R	88.7	22.3	29.9	49.8	20.6	12.4 R	12.2 R	28.2R	1962
1963	9.74R	7.45R	6.72R	18.2 R	73.0	53.8	15.6	8.06	8.25	6.85	5.83R	5.91R	18.4R	1963
1964	4.95R	4.78R	4.68R	29.8 R	107	88.5	43.0	29.9	23.3	32.5	26.2 R	17.1 R	32.8R	1964
1965	7.86R	5.61R	5.62R	13.3 R	85.0	44.7	15.9	7.83	19.3	45.0	27.9	18.9	24.9R	1965
1966	11.4	8.62	10.2	23.6	117	82.4	27.1	21.0	13.5	38.7	40.1	24.4	35.1	1966
1967	11.9	7.57	6.50	34.8	123	79.0	26.6	18.8	7.98	8.80	17.6	11.8	29.7	1967
1968	6.32	3.51	4.21	40.3	48.4	40.9	42.2	38.0	28.4	26.5	24.8	15.4	26.5	1968
1969	10.5	8.21	6.95	33.1	102	39.7	19.6	12.6	9.13	18.0	13.5	10.1	23.6	1969
1970	8.05	6.65	5.55	9.65	59.7R	39.4R	18.4 R	7.00	19.4	24.7	23.3	9.14	19.3R	1970
1971	7.15	6.14	5.53	17.2	79.2	56.0	21.2	14.9	16.6	30.6	31.7	24.2	26.0	1971
1972	9.43	8.76	8.16	7.73	78.4	35.6	16.4	16.8	13.7	21.8	14.9	8.53	20.5	1972
1973	6.03	4.22	9.85	20.7	77.1	35.1	33.9	24.4	16.0	18.9	20.8	14.9	23.6	1973
1974	10.0	8.20	8.47	8.56	82.1	62.0	26.6	20.1	22.6	48.6	36.1	15.4	28.9	1974
1975	9.80	7.82	7.15	9.61	68.0	44.1	19.2	7.05	3.72	5.25	16.3	14.3	17.8	1975
1976	8.78	5.71	5.65	43.7	89.2	36.3	21.9	13.6	6.22	5.04	3.97	3.15	18.6	1976
1977	2.90	2.84	8.94	52.3	80.5	25.5	28.6	14.8	31.3	37.4	26.0	10.8	26.8	1977
1978	7.21	6.45	6.28	7.29	78.2	76.0	28.6	12.5	5.88	8.70	5.27	4.10	20.8	1978
1979	3.96	3.88	4.71	16.2	118	59.1	16.6	8.72	20.0	32.3	45.4	18.7	29.2	1979
1980	11.2	7.24	5.93	18.4	101	33.6	14.1	9.47	9.89	21.4	16.2	8.72	21.3	1980
1981	7.05	6.34	9.58	29.6	66.2	38.0	19.8	8.76	2.42	2.81	4.01	3.94	18.7	1981
1982	3.66	3.23	3.17	8.95	86.5	35.8	44.6	19.4	20.3	44.7	41.2	22.3	27.9	1982
1983	12.9	10.1	10.5	11.9	102	53.2	26.1	10.8	12.0	44.2	29.8	16.3	28.4	1983
1984	8.46	6.82	6.56	36.5	83.6	70.5	54.0	29.3	11.6	10.8	12.0	11.9	28.8	1984
MEAN	7.91R	6.10R	6.15R	22.4 R	87.5R	51.4R	27.4 R	15.2	13.9	20.4 R	19.8 R	13.4 R	24.4	MEAN

LOCATION - LAT 49 46 44 N
LONG 84 31 48 W
DRAINAGE AREA, 2 410 km^2
NATURAL FLOW

R - REVISED SINCE JAN 1980

NAGAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO. 04JC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	---	168 ON MAY 8	2.75 ON SEP 26	732 000R	1951
1952	---	101 ON APR 25	3.54 ON NOV 4	700 000R	1952
1953	---	165 ON MAY 22	0.906 ON NOV 12 *	797 000R	1953
1954	---	170 ON MAY 18	4.26 RB ON JAN 16	844 000R	1954
1955	---	72 5RE ON MAY 6	1.19 ON SEP 12	456 000R	1955
1956	---	100 ON MAY 22	4.36 B ON MAR 30	829 000	1956
1957	---	104 ON MAY 4	4.19 B ON MAR 8	884 000	1957
1958	---	119 ON APR 29	4.79 B ON MAR 15	865 000	1958
1959	---	90 3 ON MAY 11	4.70 B ON MAR 3	847 000R	1959
1960	---	168 ON MAY 22	3.09 RB ON APR 8	796 000R	1960
1961	---	150 ON MAY 16	3.29 RB ON FEB 21	897 000R	1961
1962	---	109 ON JUN 1	4.45 RB ON FEB 22	826 000R	1962
1963	---	84.6 ON MAY 25	4.93 ON NOV 9	581 000R	1963
1964	---	141 ON MAY 6	4.39 RB ON FEB 29	1 040 000R	1964
1965	---	104 ON MAY 16	4.84 RB ON MAR 31	786 000R	1965
1966	199 AT 18:00 EST ON MAY 28 *	197 ON MAY 28 *	6.23 B ON FEB 26	1 110 000	1966
1967	---	186 ON MAY 27	3.78 ON OCT 8	935 000	1967
1968	---	105 ON MAY 1	3.03 B ON FEB 27	836 000	1968
1969	135 R AT 04:20 EST ON MAY 6	134 ON MAY 6	6.51 B ON APR 2	743 000	1969
1970	88.0R AT 18:50 EST ON MAY 8	87.7R ON MAY 8	4.70 B ON APR 15	609 000R	1970
1971	98.3 AT 02:38 EST ON MAY 30	96.0 ON MAY 30	5.15 B ON APR 7	820 000	1971
1972	108 AT 01:34 EST ON MAY 14	108 ON MAY 14	7.08 B ON DEC 31	847 000	1972
1973	101 AT 11:20 EST ON MAY 16	100 ON MAY 16	3.85 B ON FEB 20	752 000	1973
1974	138 AT 15:17 EST ON MAY 22	137 ON MAY 22	5.69 B ON MAR 30	943 000	1974
1975	81.2 AT 00:50 EST ON MAY 12	80.8 ON MAY 12	3.03 ON OCT 10	580 000	1975
1976	107 AT 19:43 EST ON MAY 1	105 ON MAY 1	3.00 B ON DEC 28	589 000	1976
1977	135 AT 16:26 EST ON MAY 1	134 ON MAY 1	2.83 B ON FEB 11	846 000	1977
1978	118 AT 05:22 EST ON MAY 18	118 ON MAY 17	4.02 B ON DEC 27	650 000	1978
1979	166 AT 08:37 EST ON MAY 20	165 ON MAY 20	3.74 B ON MAR 13	920 000	1979
1980	137 AT 23:54 EST ON MAY 11	135 ON MAY 12	5.57 ON SEP 18	675 000	1980
1981	82.5 AT 07:37 EST ON MAY 5	81.8 ON MAY 6	1.93 E ON OCT 5	528 000	1981
1982	113 AT 21:20 EST ON MAY 12	112 ON MAY 12	3.10 B ON MAR 11	679 000	1982
1983	134 AT 11:32 EST ON MAY 25	133 ON MAY 25	6.98 ON SEP 1	886 000	1983
1984	111 AT 22:40 EST ON MAY 5	110 ON MAY 5	5.50 B ON FEB 9	905 000	1984
				771 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

NAGAGAMI RIVER NEAR AMESON - STATION NO. 04JC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	---	11.5	2.94	0.837	---	1921
1922	---	---	---	---	73.5	20.3	6.28	3.43	2.21	1.42	1.80	1.84	---	1922
1923	1.30	0.934	0.708	4.01R	21.2	20.1	17.7	6.83	6.83	15.5	33.6	37.2	13.8R	1923
1924	13.8	5.46	5.09	14.9	38.7	28.3	19.4	31.7	27.1	19.0	13.5	14.8	19.4	1924
1925	4.94	4.29	5.21	37.1	64.0	62.1	29.7	20.5	8.47	8.89	---	---	---	1925
MEAN	6.88	3.58	3.67	18.7 R	49.4	32.7	18.3	15.6	11.1	10.9	13.0	13.7	16.7	MEAN

LOCATION - LAT 49 47 50 N
LONG 84 31 15 W
DRAINAGE AREA, 2 410 km^2
NATURAL FLOW
R - REVISED SINCE JAN 1980

NAGAGAMI RIVER NEAR AMESON - STATION NO. 04JC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	127 ON MAY 6 *	---	---	1922
1923	---	55.6B ON DEC 19	0.651RB ON APR 1 *	438 000R	1923
1924	---	48.7 ON MAY 27	4.70 B ON MAR 1	813 000	1924
1925	---	89.8 ON JUN 8	---	---	1925
				528 000R	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

NAMAKAN RIVER AT OUTLET OF LAC LA CROIX - STATION NO. 05AD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	52.8	40.1	28.3	21.8	---	1921
1922	17.9	---	---	58.7	188	178	108	69.3	48.7	33.5	26.5	25.8	---	1922
1923	25.5	24.9	24.1	31.2	85.5	80.1	58.1	49.5	42.6	31.5	22.5	18.3	41.2	1923
1924	16.5	15.2	15.1	17.8	31.4	41.8	35.7	33.4	48.2	108	117	79.5	48.5	1924
1925	60.3	48.3	43.4	60.0	91.7	117	107	85.3	64.2	41.2	47.6	45.1	64.3	1925
1926	41.3	39.1	35.3	42.5	70.8	104	168	122	81.5	119	131	118	89.8	1926
1927	100	86.8	67.9	115	388	306	228	138	75.9	53.5	39.7	32.4	136	1927
1928	31.1	28.6	26.0	32.1	104	138	187	154	159	208	153	106	111	1928
1929	81.2	67.4	61.2	88.8	131	115	85.1	53.1	37.1	29.6	24.5	24.8	66.6	1929
1930	25.2	27.8	27.8	33.8	97.2	145	161	120	59.8	41.3	33.8	53.4	69.1	1930
1931	61.8	56.6	47.1	43.1	51.7	108	132	72.4	45.1	39.3	37.1	51.7	62.3	1931
1932	54.6	56.3	56.2	70.2	195	182	115	82.2	57.0	43.4	40.3	38.9	84.3	1932
1933	36.6	36.3	33.1	45.1	100	137	90.6	51.3	34.6	33.5	51.3	65.0	56.8	1933
1934	66.2	60.0	59.1	76.2	346	281	147	71.0	46.0	37.1	39.3	43.4	107	1934
1935	44.4	43.2	44.2	71.6	259	201	178	122	87.8	62.2	59.2	55.5	103	1935
1936	51.8	46.1	43.5	48.7	238	252	118	54.2	36.4	24.5	20.7	19.4	78.6	1936
1937	23.6	23.1	22.5	37.5	249	290	158	100	57.4	68.4	80.2	81.3	99.7	1937
1938	59.7	58.2	54.3	170	478	309	197	95.7	59.1	36.2	30.1	28.4	132	1938
1939	29.8	31.9	32.8	42.8	169	222	168	114	79.4	66.7	53.8	43.8	89.9	1939
1940	34.5	29.1	25.1	31.6	131	218	174	78.1	47.5	31.9	31.4	29.5	71.9	1940
1941	29.6	28.6	27.4	53.4	166	201	140	79.6	139	312	194	114	124	1941
1942	61.4	65.0	64.1	89.1	198	224	124	71.8	58.2	49.4	44.9	40.2	89.3	1942
1943	38.2	38.0	37.7	54.3	189	332	346	159	110	89.5	83.5	80.8	130	1943
1944	76.5	83.0	82.5	90.4	172	345	329	317	262	147	99.5	80.7	187	1944
1945	73.1	68.4	78.3	257	277	187	131	85.3	65.9	55.1	46.5	46.4	113	1945
1946	44.2	43.3	46.4	147	238	143	101	86.4	50.5	178	237	167	122	1946
1947	128	93.4	73.6	85.2	239	328	274	156	108	131	90.6	64.7	146	1947
1948	78.1	64.0	47.9	71.4	383	217	116	77.0	62.7	41.5	28.1	24.9	89.5	1948
1949	20.0	18.2	21.7	50.8	187	175	213	182	83.2	77.4	100	98.4	100	1949
1950	84.1	78.1	71.2	68.3	447	626	398	248	171	121	108	99.8	210	1950
1951	83.5	75.5	80.4	110	357	329	193	108	83.1	114	151	145	152	1951
1952	118	90.5	67.7	108	204	165	147	100	157	89.2	58.1	49.5	121	1952
1953	44.3	42.4	42.2	58.4	151	312	257	174	119	104	77.2	69.8	121	1953
1954	58.8	48.2	42.2	73.5	421	386	232	114	88.1	47.3	36.3	33.9	131	1954
1955	33.4	33.4	33.4	61.5	148	120	88.4	63.3	40.8	54.8	71.5	82.0	70.2	1955
1956	76.4	67.3	55.5	88.3	230	282	185	118	70.2	47.6	36.8	36.9	107	1956
1957	39.1	39.8	37.4	58.0	285	185	222	138	73.8	58.0	48.9	59.1	103	1957
1958	57.4	52.4	44.2	63.3	83.6	58.8	58.5	42.8	38.9	48.7	46.0	61.3	49.3	1958
1959	51.4	46.8	35.4	33.4	73.8	144	117	78.9	84.4	84.4	76.8	72.7	78.1	1959
1960	56.8	51.8	45.4	48.9	187	223	112	83.5	52.2	43.3	36.0	43.3	78.6	1960
1961	39.5	35.3	26.5	88.0	244	216	96.6	55.3	82.2	109	90.5	84.2	88.2	1961
1962	73.9	59.0	56.0	58.7	173	266	202	186	130	73.2	47.4	36.6	115	1962
1963	32.4	28.7	27.5	56.8	95.0	160	152	107	70.2	45.7	33.7	32.8	70.4	1963
1964	31.8	29.3	26.7	40.4	164	272	298	135	100	111	94.9	75.8	117	1964
1965	63.8	53.5	50.6	70.5	275	343	183	88.8	71.3	186	190	147	145	1965
1966	119	97.2	84.9	126	382	385	174	86.1	54.4	36.2	32.7	35.2	133	1966
1967	36.0	36.2	33.8	93.2	313	221	148	108	70.5	49.2	36.5	31.7	88.4	1967
1968	30.4	28.3	28.0	74.2	284	428	451	228	132	144	197	119	177	1968
1969	101	84.6	76.9	135	394	273	165	127	92.1	85.3	81.3	84.3	136	1969
1970	58.8	51.5	47.1	59.0	295	443	292	123	69.7	90.5	218	203	183	1970
1971	125	93.0	76.4	132	334	304	203	88.5	51.2	88.3	211	204	158	1971
1972	125	93.3	73.2	75.4	285	220	145	160	117	79.3	83.4	63.8	124	1972
1973	46.5	37.5	36.8	82.0	143	163	127	128	174	185	175	119	118	1973
1974	88.0	89.8	87.1	74.0	278	375	238	119	134	108	108	97.8	146	1974
1975	85.8	80.1	89.3	75.0	262	221	167	89.8	58.0	45.8	45.1	52.0	105	1975
1976	56.9	54.0	51.1	137	308	161	141	88.0	40.2	23.6	17.7	18.1	91.4	1976
1977	15.5	15.3	15.6	17.4	25.5	55.2	103	72.9	288	402	300	202	127	1977
1978	129	91.7	64.3	82.4	155	315	225	148	135	102	70.7	50.7	128	1978
1979	41.8	37.9	40.4	77.7	372	338	177	87.4	55.8	38.8	41.5	43.8	113	1979
1980	44.0	41.0	37.8	42.5	86.8	57.2	42.8	32.3	48.7	131	84.6	76.7	69.7	1980
1981	63.2	52.5	48.8	122	328	270	180	95.4	50.2	40.4	51.8	64.2	114	1981
1982	47.8	43.8	42.3	80.8	245	259	186	152	88.4	132	206	196	140	1982
1983	126	93.8	76.7	78.0	142	178	185	129	88.2	113	134	127	123	1983
1984	101	80.0	85.5	86.9	241	253	193	96.8	64.4	36.0	32.3	38.9	107	1984
MEAN	60.8	52.9	48.9	72.0	218	231	173	110	84.7	85.9	82.4	71.8	109	MEAN

LOCATION - LAT 48 23 00 N DRAINAGE AREA, 13 400 km² INTERNATIONAL GAUGING STATION
LONG 92 10 40 W NATURAL FLOW

NAMAKAN RIVER AT OUTLET OF LAC LA CROIX - STATION NO. 05PA006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	---	---	---	1922
1923	---	90.9 ON MAY 13	17.8 ON DEC 10	1 300 000	1923
1924	---	136 ON OCT 23	15.1 ON FEB 4 *	1 470 000	1924
1925	---	135 ON JUN 23	36.5 ON SEP 29	2 030 000	1925
1926	---	171 ON JUL 8	32.8 ON MAR 21	2 830 000	1926
1927	---	473 ON MAY 20	31.4 ON DEC 8	4 300 000	1927
1928	---	223 ON OCT 7	27.6 ON FEB 19	3 510 000	1928
1929	---	135 ON MAY 18	23.1 ON NOV 15	2 100 000	1929
1930	---	182 ON JUL 27	25.1 ON JAN 1	2 140 000	1930
1931	---	185 ON JUN 28	34.3 ON NOV 10	1 970 000	1931
1932	---	240 ON MAY 24	37.1 ON DEC 26	2 670 000	1932
1933	---	134 ON JUN 11	28.6 ON OCT 14	1 850 000	1933
1934	---	439 ON MAY 26	34.8 ON OCT 15	3 380 000	1934
1935	---	388 ON MAY 16	42.2 ON FEB 15	3 250 000	1935
1936	---	340 ON MAY 26	19.0 ON NOV 27	2 520 000	1936
1937	---	326 ON JUN 6	21.7 ON JAN 1	3 140 000	1937
1938	---	524 ON MAY 12	28.0 ON NOV 1	4 160 000	1938
1939	---	247 ON MAY 31	28.0 ON JAN 1	2 840 000	1939
1940	---	222 ON JUN 21	23.2 ON MAR 25	2 270 000	1940
1941	---	334 ON OCT 12	36.2 ON MAR 29	3 920 000	1941
1942	---	286 ON MAY 28	34.2 ON DEC 24	2 820 000	1942
1943	---	405 ON JUL 7	37.7B ON MAR 8	4 080 000	1943
1944	---	402 ON JUN 28	49.0 ON MAR 29	6 270 000	1944
1945	---	385 ON MAY 1	46.4 ON NOV 2	3 580 000	1945
1946	---	286 ON OCT 30	43.3 ON JAN 13	3 860 000	1946
1947	---	345 ON JUN 29	61.7 ON APR 3	4 870 000	1947
1948	---	422 ON MAY 12	21.7 ON DEC 28	3 140 000	1948
1949	---	224 ON JUL 11	18.1 ON JAN 26	3 180 000	1949
1950	---	799 ON MAY 31 *	85.4 ON APR 2	6 640 000	1950
1951	---	416 ON MAY 22	54.8 ON MAR 26	4 800 000	1951
1952	---	224 ON MAY 10	45.3 ON DEC 29	3 840 000	1952
1953	---	345 ON JUN 19	42.2 ON FEB 5	3 830 000	1953
1954	---	555 ON MAY 22	33.4 ON DEC 23	4 130 000	1954
1955	---	158 ON MAY 12	31.4 ON SEP 17	2 210 000	1955
1956	---	365 ON JUN 1	35.7 ON DEC 10	3 380 000	1956
1957	---	311 ON MAY 15	36.8 ON MAR 11	3 240 000	1957
1958	---	63.4 ON JUL 8	33.4 ON SEP 16	1 560 000	1958
1959	---	154 ON JUN 15	31.7 ON APR 4	2 400 000	1959
1960	---	256 ON JUN 10	35.4 ON NOV 13	2 480 000	1960
1961	---	294 ON MAY 25	26.0 ON MAR 26	3 030 000	1961
1962	---	311 ON JUN 2	34.5 ON DEC 30	3 610 000	1962
1963	187 AT 18:00 CST ON JUN 29	186 ON JUN 29	26.9 ON MAR 14	2 220 000	1963
1964	345 AT 16:30 CST ON JUL 9	343 ON JUL 9	28.0 ON MAR 15	3 700 000	1964
1965	422 AT 08:40 CST ON JUN 2	419 ON JUN 1	49.6 ON MAR 14	4 570 000	1965
1966	484 AT 18:00 CST ON MAY 30	462 ON MAY 28	31.7 ON NOV 14	4 190 000	1966
1967	345 AT 02:00 CST ON MAY 18	343 ON MAY 14	30.9 ON DEC 10	3 100 000	1967
1968	566 AT 18:00 CST ON JUN 26 *	564 ON JUN 25	23.9 ON MAR 4	5 600 000	1968
1969	433 AT 03:45 CST ON MAY 15	428 ON MAY 12	58.3 ON OCT 30	4 340 000	1969
1970	484 AT 15:50 CST ON JUN 20	482 ON JUN 20	44.7E ON APR 3	5 150 000	1970
1971	382 AT 17:15 CST ON MAY 13	380 ON MAY 10	41.6 ON SEP 27	4 980 000	1971
1972	386 AT 14:00 CST ON MAY 24	386 ON MAY 24	48.7 ON DEC 28	3 940 000	1972
1973	239 AT 16:00 CST ON OCT 28	236 ON OCT 27	33.4 ON MAR 5	3 710 000	1973
1974	382 AT 18:00 CST ON JUN 21	382 ON JUN 22	54.1 ON MAR 28	4 600 000	1974
1975	314 AT 14:05 CST ON MAY 23	311 ON MAY 22	41.6 ON OCT 21	3 300 000	1975
1976	382 AT 15:00 CST ON MAY 7	382 ON MAY 7	15.7 ON DEC 30	2 690 000	1976
1977	450 AT 18:00 CST ON SEP 28	450 ON SEP 28	15.2 ON FEB 22	3 990 000	1977
1978	357 AT 14:22 CST ON JUN 14	357 ON JUN 14	44.5E ON DEC 31	4 080 000	1978
1979	433 AT 16:46 CST ON MAY 25	431 ON MAY 25	36.8 ON FEB 20	3 570 000	1979
1980	153 AT 10:10 CST ON OCT 10	149 ON OCT 10	29.3 ON AUG 28	1 880 000	1980
1981	388 AT 18:00 CST ON MAY 13	388 ON MAY 13	37.5 ON SEP 27	3 680 000	1981
1982	352 AT 14:30 CST ON MAY 28	351 ON MAY 28	39.9 ON MAR 9	4 410 000	1982
1983	198 AT 20:30 CST ON JUL 21	198 ON JUL 21	70.4A ON MAR 30	3 870 000	1983
1984	298 AT 05:42 CST ON MAY 24	295 ON MAY 24	31.3 ON NOV 16	3 380 000	1984
				3 430 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NANTICOKE CREEK AT NANTICOKE - STATION NO. 02GC022

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	5.31	2.63	0.821	0.356	0.278	0.236	0.398	0.915	1.11	---	1969
1970	0.468	1.57	2.63	2.44	0.606	0.211	0.678	0.288	0.298	0.811	2.37	3.52	1.32	1970
1971	0.862	2.31	4.76	1.88	0.681	0.962	0.089	0.029	0.092	0.170	0.283	0.888	1.07	1971
1972	1.30	0.498	7.48	4.53	1.98	0.969	0.480	0.387	0.187	0.478	1.59	3.34	1.94	1972
1973	2.53	1.69	8.07	2.08	0.943	0.897	0.339	0.089	0.084	0.377	3.00	3.46	1.85	1973
1974	4.45	3.16	4.55	2.98	4.68	1.10	0.371	0.241	0.192	0.278	0.952	1.62	2.04	1974
1975	2.20	3.34	4.88	2.21	0.750	1.33	0.256	0.309	1.98	0.721	1.48	3.01	1.86	1975
1976	2.20	8.08	8.97	3.15	4.17	0.702	1.12	0.536	0.404	0.580	0.851	0.595	2.41	1976
1977	0.349	1.31	6.88	3.80	0.805	0.394	0.458	0.325	5.53	2.56	1.78	8.72	2.85	1977
1978	1.31	1.01	5.67	4.18	2.68	0.833	0.172	0.193	0.388	1.22	1.06	1.53	1.88	1978
1979	1.59	1.70	5.76	5.81	2.19	0.553	0.250	0.847	0.622	1.08	2.40	4.20	2.22	1979
1980	2.43	0.853	4.98	4.67	2.25	1.22	0.397	0.352	1.37	1.11	0.927	1.48	1.84	1980
1981	0.223	5.14	1.83	2.08	1.15	0.621	0.485	0.357	0.947	1.39	1.26	1.13	1.24	1981
1982	1.30	0.218	8.65	4.18	1.18	2.18	0.485	0.433	0.735	0.633	4.12	5.83	2.49	1982
1983	2.80	3.30	2.89	3.38	4.46	1.30	1.72	3.07	0.580	0.923	2.20	5.29	2.65	1983
1984	0.898	7.40	5.31	4.84	2.90	2.33	0.831	0.759	1.45	0.822	1.48	2.81	2.54	1984
MEAN	1.84	2.77	5.40	3.56	2.14	1.00	0.517	0.516	0.940	0.834	1.55	2.87	1.99	MEAN

LOCATION - LAT 42 48 34 N DRAINAGE AREA, 181 km²
LONG 80 04 36 W REGULATED

REMARKS - SEASONAL REGULATION

NANTICOKE CREEK AT NANTICOKE - STATION NO. 02GC022

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	12.3 AT 14:23 EST ON DEC 4	11.7 ON DEC 4	0.127 ON JUL 2	41 800	1970
1971	15.6 AT 04:00 EST ON MAR 16	15.38 ON FEB 28	0 ON AUG 7 *	33 900	1971
1972	17.6 AT 18:48 EST ON APR 16	14.28 ON MAR 16	0.102 ON SEP 23	61 400	1972
1973	23.6 AT 04:30 EST ON MAR 15	19.4 ON MAR 15	0.021 ON SEP 13	61 600	1973
1974	26.3 AT 08:13 EST ON FEB 22	22.1 ON MAR 5	0.110 ON SEP 2	64 300	1974
1975	22.2 AT 18:50 EST ON MAR 24	18.2 ON FEB 24	0.074 ON AUG 1	58 700	1975
1976	50.7 AT 16:49 EST ON MAR 5	31.4 ON MAR 5	0.207 ON SEP 9	76 400	1976
1977	80.0 AT 08:51 EST ON SEP 26 *	36.0 ON SEP 26	0.057 ON AUG 2	80 400	1977
1978	---	21.38 ON MAR 21	0.059 ON SEP 7	52 200	1978
1979	28.8 AT 22:44 EST ON AUG 7	22.08 ON MAR 5	0.101 ON JUN 27	69 800	1979
1980	30.7 AT 19:47 EST ON MAR 21	20.1 ON MAR 21	0.080 ON AUG 19	58 100	1980
1981	---	17.08 ON FEB 17	0.067 ON JUN 10	42 100	1981
1982	---	30.08 ON MAR 14	0.197 ON JUL 28	78 800	1982
1983	25.1 AT 08:13 EST ON JUL 31	15.8 ON JUL 31	0.284 ON OCT 3	83 600	1983
1984	52.9 AT 10:43 EST ON FEB 14	44.3 ON FEB 14 *	0.141 ON AUG 28	80 500	1984
				63 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NAPANEE RIVER AT CAMDEN EAST - STATION NO. 02HM007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	8.84	11.1	21.0	35.9	17.0	3.12	1.14	1.22	1.14	0.855	1.61	3.96	8.84	1974
1975	9.45	6.98	21.7	31.5	10.0	2.89	1.22	1.26	2.38	1.31	2.53	6.74	8.12	1975
1976	5.54	9.71	38.9	36.1	8.88	4.24	2.18	1.81	1.73	1.85	1.83	1.33	9.36	1976
1977	1.18	1.28	25.8	19.8	5.63	2.31	1.40	1.88	1.86	3.02	5.43	10.1	6.69	1977
1978	13.0	14.8	11.1	43.7	10.2	2.07	1.22	1.32	1.48	1.78	2.75	4.86	8.93	1978
1979	5.56	4.59	32.1	30.1	9.23	4.47	1.54	1.82	2.16	2.98	4.24	10.7	9.13	1979
1980	10.8	6.93	18.2	28.3	15.7	2.84	1.83	2.34	1.95	2.36	4.21	7.84	8.40	1980
1981	4.35	23.6	24.4	7.84	5.88	8.35	3.13	3.78	19.6	13.7	15.1	8.32	11.3	1981
1982	5.78	4.45	11.4	37.2	10.8	7.56	2.97	1.80	2.38	3.11	6.71	14.8	9.02	1982
1983	14.2	11.2	14.5	18.0	20.5	5.44	1.39	1.51	1.30	1.88	6.14	20.3	9.68	1983
1984	10.3	21.7	17.4	31.1	12.5	5.12	2.80	2.48	2.38	1.72	1.93	3.84	9.35	1984
MEAN	8.05	10.4	21.3	29.0	11.8	4.17	1.80	1.88	3.48	3.11	4.74	8.45	8.99	MEAN

LOCATION - LAT 44 20 03 N DRAINAGE AREA, 804 km²
LONG 76 50 15 W REGULATED

REMARKS - MINOR REGULATION

NAPANEE RIVER AT CAMDEN EAST - STATION NO. 02HM007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	51.6 AT 17:00 EST ON APR 7	51.0 ON APR 7	0.382 ON OCT 8	279 000	1974
1975	48.0 AT 11:05 EST ON MAR 27	45.9 ON MAR 25	0.617 ON NOV 6	256 000	1975
1976	77.9 AT 14:06 EST ON APR 1 *	76.5 ON APR 1 *	0.807 ON NOV 25	297 000	1976
1977	45.0 AT 08:45 EST ON MAR 17	44.6 ON MAR 17	1.05 E ON JAN 25	211 000	1977
1978	53.8 AT 10:46 EST ON APR 14	53.5 ON APR 13	0.119 ON OCT 8 *	281 000	1978
1979	44.1 AT 12:08 EST ON MAR 26	43.9 ON MAR 26	1.27 ON JUL 22	288 000	1979
1980	58.2 AT 17:32 EST ON MAR 21	49.7 ON MAR 25	0.364 ON OCT 17	268 000	1980
1981	67.7 AT 04:39 EST ON FEB 24	66.2 ON FEB 24	2.08 ON JUL 27	356 000	1981
1982	55.9 AT 11:48 EST ON APR 7	52.4 ON APR 6	1.33 ON AUG 12	285 000	1982
1983	---	33.0E ON DEC 17	1.13 ON JUL 20	305 000	1983
1984	43.8 AT 08:23 EST ON APR 8	43.2 ON APR 7	1.32 ON NOV 3	296 000	1984
				284 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NAPANEE RIVER NEAR NAPANEE - STATION NO. 02HM001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	---	---	---	3.30	4.47	---	1915
1916	8.68	19.8	15.2	58.1	25.4	36.2	14.7	2.08	1.23	1.36	1.29	1.22	15.3	1916
1917	1.85	1.81	20.6	46.6	7.79	5.47	2.08	1.23	1.07	3.55	5.55	3.83	8.40	1917
1918	1.96	3.57	28.9	45.6	9.07	5.59	4.23	1.55	2.84	8.49	15.5	18.4	12.0	1918
1919	12.8	4.69	28.8	32.1	38.3	16.3	3.11	0.994	0.903	1.14	4.83	4.12	12.2	1919
1920	1.28	1.12	25.1	27.3	8.88	2.08	2.23	0.863	0.288	0.282	1.44	8.43	6.71	1920
1921	6.95	3.69	30.5	21.1	7.86	1.80	0.637	1.04	1.11	0.342	2.08	3.55	6.73	1921
1922	2.45	2.08	22.8	40.2	12.8	4.80	2.89	2.81	1.77	1.08	0.389	0.532	7.88	1922
1923	0.680	0.481	5.01	32.6	13.7	10.1	2.76	1.09	1.49	0.468	1.26	5.04	6.21	1923
1924	6.82	6.15	19.6	33.4	16.9	5.85	2.12	1.59	1.12	2.62	1.31	1.50	8.38	1924
1925	0.425	12.4	38.5	25.5	8.08	3.71	2.00	1.88	0.718	0.772	7.83	13.4	9.58	1925
1926	5.15	3.05	9.32	50.1	18.9	4.76	2.62	1.26	1.13	2.83	---	---	---	1926
1945	---	---	---	---	---	---	---	---	---	5.87	7.25	---	---	1945
1946	---	---	24.2	8.26	4.89	3.28	1.48	0.551	0.752	1.18	2.83	6.87	---	1946
1947	5.17	11.2	14.7	59.6	19.8	30.5	5.13	3.22	1.86	1.43	1.44	2.59	13.0	1947
1948	---	---	32.9	34.5	11.9	6.21	1.58	0.501	0.380	0.630	2.34	2.48	---	1948
1949	4.96	8.58	19.5	31.0	6.17	1.48	0.891	0.595	0.603	0.139	0.700	4.18	8.54	1949
1950	21.4	8.18	12.2	56.0	8.42	3.45	1.08	0.421	0.350	1.17	4.13	7.60	10.3	1950
1951	18.0	11.8	35.3	51.0	13.4	2.69	5.84	1.85	2.88	3.07	13.1	17.8	14.7	1951
1952	14.2	15.9	15.0	47.6	8.84	4.80	1.07	0.950	0.814	0.943	1.11	4.80	9.74	1952
1953	3.85	4.65	20.0	20.1	14.8	4.26	1.58	2.89	2.02	1.49	1.72	5.83	6.93	1953
1954	3.87	10.3	32.8	44.5	17.0	3.78	1.55	1.11	1.31	2.70	7.30	8.21	11.2	1954
1955	5.90	3.24	29.5	43.9	6.18	1.92	1.15	0.654	1.09	15.2	26.8	4.86	11.7	1955
1956	3.74	2.08	3.73	58.0	30.5	13.1	2.36	1.01	0.649	0.577	0.506	2.28	9.83	1956
1957	2.80	4.83	11.1	14.3	5.88	3.30	2.44	1.28	0.532	0.759	1.83	7.85	4.73	1957
1958	9.78	3.23	12.3	23.1	8.83	3.38	1.47	0.681	1.27	2.01	2.30	3.11	5.94	1958
1959	1.93	2.63	8.56	55.6	6.63	1.41	1.40	0.975	1.16	3.30	9.80	13.6	8.89	1959
1960	4.54	7.13	7.38	66.3	17.4	3.45	1.47	1.03	1.18	1.02	1.15	1.07	9.35	1960
1961	0.692	2.78	8.42	23.9	16.9	8.16	3.17	1.88	1.47	1.25	1.86	3.57	6.21	1961
1962	2.10	1.82	13.3	36.0	7.25	1.48	1.00	0.703	0.595	0.850	3.69	6.06	6.16	1962
1963	3.70	2.74	12.0	27.9	11.5	6.84	1.53	1.23	0.623	0.701	2.44	7.10	6.51	1963
1964	8.31	10.1	14.0	23.5	9.83	1.98	0.874	0.724	0.585	0.500	0.418	2.24	8.06	1964
1965	2.37	11.9	17.5	31.1	11.0	1.32	1.01	0.715	0.888	2.60	15.0	21.6	9.89	1965
1966	11.6	7.70	28.2	15.6	3.53	1.76	0.871	0.447	0.490	0.584	5.37	25.7	8.59	1966
1967	10.2	8.85	9.86	30.1	8.18	2.19	1.42	0.754	0.858	5.60	16.1	13.2	8.88	1967
1968	7.48	10.0	20.4	19.6	5.21	5.87	3.15	1.81	7.72	4.05	10.9	18.2	9.35	1968
1969	9.93	11.6	18.9	34.2	23.6	9.62	2.92	2.18	1.17	1.02	6.15	9.43	11.0	1969
1970	6.87	4.34	11.4	24.6	11.9	2.88	2.48	1.16	0.809	1.38	6.65	9.88	7.66	1970
1971	8.88	7.66	13.2	51.6	14.4	1.84	1.17	0.878	1.08	1.54	1.26	5.17	8.82	1971
1972	5.18	5.03	7.49	51.6	20.0	9.19	6.86	3.02	1.51	4.47	14.2	17.4	12.2	1972
1973	19.5 -	17.8	36.9	30.0	11.3	4.33	1.50	1.48	1.13	0.931	3.89	8.46	11.2	1973
1974	15.9	19.5	25.8	40.1	19.9	---	---	---	---	---	---	---	---	1974
MEAN	8.84	7.35	19.1	36.9	13.1	5.16	2.49	1.30	1.28	2.25	5.43	7.59	9.13	MEAN

LOCATION - LAT 44 16 39 N DRAINAGE AREA, 777 km^2
LONG 76 55 43 W REGULATED

NAPANEE RIVER NEAR NAPANEE - STATION NO. 02HM001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	79.3 ON MAR 30	0.623 ON NOV 26	485 000	1916
1917	---	82.1 ON APR 3	0.396 ON SEP 24	285 000	1917
1918	---	79.9 ON APR 2	0.566 ON AUG 25	376 000	1918
1919	---	71.8 ON MAR 18	0.340 ON OCT 1	385 000	1919
1920	---	74.2 ON MAR 27	0.026 ON MAR 3 *	212 000	1920
1921	---	50.7 ON MAR 20	0.028 ON OCT 5	212 000	1921
1922	---	58.4 ON APR 17	0.085 ON SEP 10	248 000	1922
1923	---	57.8 ON APR 14	0.142 ON OCT 3	196 000	1923
1924	---	49.0 ON MAR 29	0.425B ON DEC 28	285 000	1924
1925	---	88.2 ON MAR 19	0.425B ON JAN 1	302 000	1925
1926	---	67.4 ON APR 17	---	---	1926
1945	---	---	---	---	1945
1946	---	37.78 ON MAR 9	0.057 ON AUG 8	---	1946
1947	---	79.9 ON APR 9	0.991 ON NOV 6	410 000	1947
1948	---	---	---	---	1948
1949	---	61.2 ON MAR 30	0.028 ON OCT 20	208 000	1949
1950	---	96.3 ON APR 5 *	0.085 ON SEP 18	326 000	1950
1951	---	86.1 ON MAR 31	0.793 ON JUN 18	484 000	1951
1952	---	79.9 ON APR 6	0.198 ON SEP 18	306 000	1952
1953	---	51.8 ON MAR 28	0.311 ON NOV 8	219 000	1953
1954	---	68.5 ON APR 17	0.680 ON SEP 10	352 000	1954
1955	---	77.9 ON OCT 31	0.085 ON AUG 12	368 000	1955
1956	92.9 AT 22:00 EST ON APR 4	87.8 ON APR 16	0.085 ON SEP 10	310 000	1956
1957	50.4 AT 03:00 EST ON FEB 27	26.1 ON FEB 27	0.085 ON SEP 7	148 000	1957
1958	44.7 AT 12:00 EST ON MAR 31	44.5 ON MAR 31	0.255 ON AUG 14	187 000	1958
1959	101 AT 18:30 EST ON APR 2 *	83.3 ON APR 2	0.453 ON AUG 14	280 000	1959
1960	90.0 AT 04:30 EST ON APR 4	84.7 ON APR 4	0.765B ON DEC 26	298 000	1960
1961	30.0 AT 05:00 EST ON APR 17	29.4 ON APR 17	0.241B ON JAN 31	193 000	1961
1962	58.9 AT 03:00 EST ON MAR 30	57.2 ON MAR 30	0.453E ON SEP 1	194 000	1962
1963	62.3 AT 01:00 EST ON MAR 27	55.5 ON MAR 27	0.566E ON SEP 21	205 000	1963
1964	31.7 AT 14:00 EST ON APR 15	31.4 ON APR 15	0.320 ON NOV 9	191 000	1964
1965	48.7 AT 20:00 EST ON APR 16	47.9 ON APR 17	0.623 ON AUG 30	305 000	1965
1966	---	38.28 ON DEC 20	0.391 ON AUG 17	271 000	1966
1967	51.5 AT 08:00 EST ON APR 3	49.6 ON APR 3	0.374 ON SEP 7	280 000	1967
1968	53.0 AT 04:00 EST ON SEP 12	44.2 ON MAR 23	0.680 ON JUL 30	295 000	1968
1969	67.7 AT 08:00 EST ON MAR 25	61.7 ON MAR 25	0.521 ON OCT 7	345 000	1969
1970	43.9 AT 12:15 EST ON APR 9	43.6 ON APR 9	0.697 ON SEP 14	242 000	1970
1971	76.7 AT 05:45 EST ON APR 14	75.3 ON APR 14	0.765E ON AUG 12	278 000	1971
1972	74.8 AT 03:40 EST ON APR 16	72.5 ON APR 16	1.04 ON SEP 19	326 000	1972
1973	89.9 AT 22:36 EST ON MAR 17	82.9 ON MAR 18	0.538 ON OCT 17	354 000	1973
1974	---	---	---	---	1974
				288 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NEEBING RIVER NEAR THUNDER BAY - STATION NO. 02AB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	0.144	0.318	0.300	0.317	---	1953
1954	0.092	0.125	0.211	7.63	8.67	1.82	0.050	0.067	0.124	0.217	0.295	0.149	1.63	1954
1955	0.098	0.085	0.107	5.47	1.60	0.225	0.087	0.082	0.307	1.22	2.55	0.789	1.13	1955
1956	0.467	0.351	0.544	10.5	5.77	1.38	0.850	0.189	0.272	0.131	0.704	0.362	1.79	1956
1957	0.211	0.055	0.622	10.4	2.62	1.51	0.585	0.265	0.142	0.327	0.578	0.089	1.44	1957
1958	0.037	0.056	0.309	1.81	0.972	0.913	0.268	0.122	0.805	1.04	1.55	0.820	0.707	1958
1959	0.141	0.081	0.363	2.83	3.86	1.81	0.235	0.421	1.00	1.78	0.818	0.278	1.10	1959
1960	0.209	0.089	0.028	5.19	3.24	0.814	0.151	0.270	0.154	0.448	1.81	0.431	1.13	1960
1961	0.112	0.089	0.888	4.56	2.52	0.867	1.01	0.257	1.67	1.67	2.14	0.548	1.34	1961
1962	0.151	0.142	0.150	3.89	4.29	1.14	1.05	1.50	0.951	0.528	0.584	0.354	1.23	1962
1963	0.114	0.028	0.166	3.78	1.84	5.49	0.347	0.315	0.885	0.885	0.458	0.300	1.18	1963
1964	0.200	0.142	0.113	9.05	9.78	4.47	0.858	0.484	0.491	0.992	0.984	0.382	2.32	1964
1965	0.283	0.283	0.283	8.49	6.75	0.987	0.333	0.270	2.05	3.98	0.775	0.750	2.19	1965
1966	0.447	0.416	1.62	12.1	4.68	0.918	0.126	0.163	0.120	0.322	0.217	0.259	1.77	1966
1967	0.188	0.117	0.491	7.54	3.12	1.46	0.295	0.328	0.158	0.208	0.208	0.112	1.18	1967
1968	0.085	0.067	2.19	4.41	4.18	7.41	8.19	2.90	1.63	3.50	1.46	0.785	2.82	1968
1969	0.553	0.394	0.292	11.2	2.35	1.80	0.322	0.381	0.157	0.418	0.384	0.208	1.52	1969
1970	0.174	0.104	0.091	7.52	10.4	2.21	0.478	0.080	0.148	2.03	4.03	2.11	2.48	1970
1971	0.543	0.044	0.189	15.2	8.15	1.98	0.789	0.221	0.331	3.12	5.31	1.17	3.17	1971
1972	0.387	0.114	0.285	8.40	6.38	2.34	1.84	0.352	0.484	0.890	0.838	0.084	1.88	1972
1973	0.170	0.192	3.76	4.40	3.05	2.35	2.47	3.53	4.63	2.85	5.00	0.843	2.76	1973
1974	0.185	0.195	0.178	9.03	7.28	3.23	0.739	0.313	0.777	1.21	1.78	0.578	2.12	1974
1975	0.601	0.495	0.448	7.34	2.78	1.15	0.348	0.091	0.219	0.350	0.845	0.401	1.25	1975
1976	0.193	0.116	0.119	13.5	1.74	1.51	0.187	0.068	0.082	0.086	0.038	0.048	1.48	1976
1977	0.033	0.030	0.178	0.572	0.420	0.432	0.267	0.768	13.3	3.74	2.05	0.578	1.88	1977
1978	0.307	0.150	0.153	8.14	4.10	2.54	0.798	0.185	0.143	0.282	0.184	0.088	1.28	1978
1979	0.078	0.083	0.134	9.82	8.17	1.87	0.126	0.072	0.251	0.404	0.883	0.169	1.78	1979
1980	0.118	0.087	0.079	4.84	1.42	0.239	0.353	0.388	4.45	2.28	1.28	0.411	1.32	1980
1981	0.228	0.306	1.24	9.62	3.28	4.48	0.712	0.122	0.192	1.25	0.879	0.180	1.88	1981
1982	0.122	0.123	0.172	8.23	4.81	1.74	4.98	2.00	1.27	8.15	5.03	0.828	2.77	1982
1983	0.278	0.239	2.20	8.78	3.81	2.55	1.19	0.434	0.628	3.19	2.73	0.938	1.88	1983
1984	0.444	0.386	0.354	9.09	4.14	3.48	1.31	1.05	1.37	1.39	1.13	1.33	1.78	1984
MEAN	0.240	0.185	0.671	7.30	4.41	2.07	0.950	0.869	1.23	1.43	1.47	0.811	1.78	MEAN

LOCATION - LAT 48 22 58 N
LONG 89 15 28 W
DRAINAGE AREA, 187 km^2
NATURAL FLOW

NEEBING RIVER NEAR THUNDER BAY - STATION NO. 02AB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	52.4 AT 00:30 CST ON MAY 2	38.2 ON MAY 2	0.028 ON JUL 31	51 300	1954
1955	---	16.8 ON APR 11	0.011 ON SEP 8	35 700	1955
1956	---	19.1 ON APR 21	0.057 ON AUG 18	55 800	1956
1957	36.8 A AT 14:00 CST ON APR 25	34.3 A ON APR 25	0.0268 ON FEB 5	45 400	1957
1958	7.53E AT 01:00 CST ON NOV 19	6.80E ON NOV 18	0.0288 ON JAN 1	22 300	1958
1959	8.75 AT 10:30 CST ON MAY 22	8.44 ON MAY 22	0.0428 ON FEB 22	34 500	1959
1960	---	21.0 A ON APR 15	0.0288 ON FEB 24	35 800	1960
1961	---	9.66A ON APR 22	0.0578 ON JAN 24	42 400	1961
1962	---	10.5 ON APR 29	0.1428 ON JAN 11	38 800	1962
1963	---	22.8 ON JUN 11	0.0288 ON FEB 1	37 100	1963
1964	---	29.2 A ON MAY 7	0.1138 ON MAR 1	73 400	1964
1965	25.5 AT 12:00 CST ON OCT 1	24.4 ON OCT 1	0.170 ON JUL 30	69 000	1965
1966	26.9 B AT 23:50 CST ON APR 16	23.7 B ON APR 16	0.076 ON JUL 17	55 800	1966
1967	---	16.5 A ON APR 17	0.0288 ON DEC 31	37 200	1967
1968	73.6 E AT 18:30 CST ON JUL 16	49.3 E ON JUL 16	0.0138 ON FEB 24	92 400	1968
1969	---	33.4 B ON APR 14	0.096 ON AUG 31	48 000	1969
1970	26.4 AT 21:30 CST ON APR 30	25.7 ON APR 30	0.0286 ON AUG 19	77 700	1970
1971	74.8 AT 01:23 CST ON MAY 25 *	64.6 ON MAY 25 *	0.0188 ON FEB 25	100 000	1971
1972	32.3 AT 01:34 CST ON APR 27	27.9 ON APR 28	0.0258 ON DEC 15	58 900	1972
1973	40.5 AT 04:47 CST ON AUG 20	33.1 ON AUG 20	0.0258 ON MAR 6	87 100	1973
1974	31.4 B AT 22:22 CST ON APR 17	27.5 B ON APR 18	0.1168 ON APR 8	66 900	1974
1975	---	17.5 B ON APR 18	0.062 ON AUG 13	38 400	1975
1976	55.8 AT 05:00 CST ON APR 17	46.3 ON APR 17	0.034 ON AUG 29	48 000	1976
1977	74.2 E AT 11:30 EST ON SEP 8	60.0 ON SEP 28	0.0288 ON FEB 11	58 500	1977
1978	---	18.5 ON APR 28	0.085 ON SEP 12	39 600	1978
1979	44.3 AT 07:30 EST ON MAY 11	41.8 ON MAY 11	0.008 ON SEP 19 *	56 100	1979
1980	18.4 AT 14:52 EST ON SEP 20	16.5 ON SEP 20	0.046 ON JUL 13	41 700	1980
1981	---	21.0 B ON APR 2	0.077 ON AUG 28	58 800	1981
1982	30.1 AT 10:33 EST ON JUL 7	26.5 ON JUL 7	0.1178 ON FEB 11	87 300	1982
1983	16.9 AT 23:56 EST ON APR 26	15.5 ON APR 26	0.106 ON AUG 28	62 300	1983
1984	10.8 AT 21:21 EST ON MAY 9	10.4 ON MAY 8	0.242 ON SEP 27	56 300	1984
				55 200	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NIAGARA RIVER AT QUEENSTON - STATION NO. 02HA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1860	6 650	6 280	6 570	8 820	7 190	7 110	6 840	6 910	6 880	6 480	6 880	6 570	6 780	1860
1861	6 230	5 890	6 230	6 820	7 180	7 140	6 870	6 880	6 910	6 840	6 940	6 850	6 750	1861
1862	6 770	6 400	6 540	7 080	7 310	7 220	7 220	7 020	6 910	6 710	6 800	6 850	6 870	1862
1863	6 800	6 420	6 820	6 820	6 850	6 880	6 830	6 680	6 420	6 230	6 340	6 280	6 630	1863
1864	5 890	5 830	6 000	6 280	6 850	6 740	6 480	6 400	6 290	6 170	6 230	6 290	6 280	1864
1865	5 830	5 300	5 550	5 950	6 310	6 370	6 280	6 170	6 140	6 080	6 000	6 030	6 000	1865
1866	5 880	5 440	5 720	6 000	6 260	6 430	6 340	6 280	6 170	6 230	6 230	6 400	6 100	1866
1867	6 030	5 880	5 970	6 120	6 540	6 740	6 540	6 310	6 080	5 970	6 030	5 750	6 150	1867
1868	5 440	5 070	5 470	5 920	6 310	6 570	6 400	6 230	6 120	5 920	5 890	5 780	5 930	1868
1869	5 580	5 380	5 750	5 880	6 230	6 400	6 570	6 570	6 340	6 400	6 140	6 400	6 140	1869
1870	6 370	6 370	6 290	6 630	6 850	6 800	6 740	6 710	6 800	6 480	6 480	6 400	6 580	1870
1871	6 080	5 720	6 080	6 280	6 570	6 540	6 480	6 370	6 280	5 950	6 000	5 780	6 180	1871
1872	5 550	5 240	5 240	5 300	5 680	5 830	5 750	5 780	5 680	5 840	5 610	5 520	5 680	1872
1873	5 240	5 100	5 210	5 920	6 480	6 480	6 370	6 340	6 140	6 030	6 080	6 370	6 080	1873
1874	6 430	6 310	6 400	6 430	6 570	6 570	6 510	6 400	6 170	5 970	5 890	5 800	6 280	1874
1875	5 470	5 210	5 350	5 520	5 920	6 120	6 140	6 140	6 120	5 880	5 970	6 170	5 840	1875
1876	5 950	6 140	6 630	6 810	7 220	7 280	7 080	6 910	6 880	6 570	6 820	6 850	6 780	1876
1877	6 140	5 950	5 830	6 030	6 280	6 280	6 370	6 280	6 280	6 140	6 280	6 270	6 180	1877
1878	6 230	6 170	6 280	6 480	6 770	6 710	6 630	6 480	6 480	6 310	6 370	6 480	6 480	1878
1879	6 030	5 780	5 830	6 000	6 170	6 200	6 140	6 000	5 830	5 800	5 890	5 890	5 950	1879
1880	6 000	5 890	6 030	6 080	6 310	6 340	6 340	6 170	6 080	5 950	6 080	5 920	6 100	1880
1881	5 470	5 380	5 640	5 950	6 310	6 480	6 340	6 120	5 950	6 030	6 080	6 260	6 000	1881
1882	6 400	6 230	6 600	6 650	6 880	6 940	6 850	6 770	6 650	6 480	6 430	6 140	6 590	1882
1883	5 890	5 880	6 050	6 080	6 480	6 850	6 910	6 880	6 740	6 630	6 570	6 630	6 470	1883
1884	6 230	6 230	6 400	6 680	6 970	6 970	6 740	6 650	6 430	6 310	6 170	6 170	6 500	1884
1885	5 890	5 610	5 550	6 000	6 570	6 880	6 770	6 800	6 740	6 770	6 880	6 880	6 450	1885
1886	6 710	6 090	6 000	6 510	6 800	6 820	6 740	6 800	6 480	6 430	6 430	6 430	6 510	1886
1887	6 090	6 230	6 680	6 650	6 850	6 880	6 650	6 430	6 280	6 340	6 080	6 080	6 430	1887
1888	5 920	5 520	5 640	6 030	6 200	6 280	6 280	6 230	6 080	5 950	5 920	6 120	6 010	1888
1889	5 890	5 750	5 580	5 780	5 970	6 230	6 120	6 120	5 890	5 610	5 640	5 830	5 870	1889
1890	6 120	6 000	6 230	6 370	6 880	6 850	6 540	6 280	6 080	6 090	6 280	6 120	6 300	1890
1891	5 800	5 750	5 920	5 970	5 920	5 830	5 830	5 690	5 580	5 410	5 410	5 470	5 710	1891
1892	5 300	4 840	5 070	5 320	5 920	6 370	6 400	6 170	6 080	5 880	5 720	5 880	5 730	1892
1893	5 100	5 040	5 300	5 890	6 230	6 400	6 230	6 830	5 750	5 720	5 720	5 720	5 730	1893
1894	5 610	5 380	5 520	5 610	5 950	6 230	6 000	5 720	5 680	5 890	5 640	5 490	5 710	1894
1895	5 350	4 870	4 930	5 010	5 320	5 320	5 180	5 130	5 180	5 070	4 810	5 040	5 100	1895
1896	4 980	4 870	4 790	5 070	5 440	5 380	5 380	5 550	5 320	5 180	5 270	5 150	5 200	1896
1897	5 270	4 980	5 380	5 660	6 030	5 950	5 830	5 780	5 610	5 350	5 410	5 410	5 660	1897
1898	5 350	5 300	5 640	5 970	6 140	6 120	5 860	5 830	5 680	5 840	5 680	5 720	5 740	1898
1899	5 610	5 180	5 520	5 580	5 880	5 920	5 780	5 550	5 490	5 270	5 350	5 610	5 550	1899
1900	5 380	5 300	5 490	5 660	5 860	5 880	5 750	5 720	5 610	5 380	5 550	5 520	5 590	1900
1901	5 380	4 870	4 900	4 980	5 150	5 410	5 410	5 320	5 380	5 300	5 270	5 270	5 220	1901
1902	5 180	4 780	4 960	5 300	5 520	5 640	5 950	5 920	5 750	5 630	5 720	5 660	5 520	1902
1903	5 580	5 350	5 690	6 120	6 230	6 230	6 120	5 950	5 920	5 830	5 660	5 680	5 860	1903
1904	4 980	5 100	5 520	6 140	6 460	6 570	6 400	6 230	6 080	5 970	5 830	5 780	5 920	1904
1905	5 380	5 070	5 210	5 470	5 920	6 230	6 310	6 200	6 120	6 030	5 800	5 920	5 810	1905
1906	5 780	5 480	5 440	5 640	5 860	5 950	5 890	5 750	5 780	5 880	5 970	5 780	5 908	1906
1907	6 170	5 830	5 780	5 970	6 200	6 310	6 430	6 170	6 120	6 080	6 030	6 080	6 100	1907
1908	6 090	5 720	5 950	6 340	6 570	6 480	6 340	6 230	5 970	5 850	5 890	5 640	6 080	1908
1909	5 240	5 270	5 470	5 610	6 200	6 280	6 200	5 970	5 750	5 580	5 440	5 720	5 730	1909
1910	5 150	4 930	5 350	5 550	6 000	5 950	5 800	5 640	5 440	5 580	5 520	5 350	5 530	1910
1911	5 100	4 870	5 040	5 150	5 550	5 520	5 410	5 240	5 130	5 240	5 550	5 440	5 270	1911
1912	5 270	4 870	4 980	5 840	5 970	5 950	5 780	5 830	5 880	5 750	5 880	5 800	5 630	1912
1913	5 780	5 920	5 880	5 710	6 820	6 680	6 480	6 200	5 880	5 780	5 820	5 680	6 180	1913
1914	5 610	5 410	5 210	5 840	6 140	6 170	5 950	5 800	5 890	5 550	5 610	5 320	5 880	1914
1915	4 980	4 980	5 180	5 070	5 350	5 410	5 490	5 680	5 840	5 840	5 810	5 410	5 370	1915
1916	5 610	5 610	5 440	5 800	6 200	6 340	6 200	6 000	5 820	5 890	5 580	5 580	5 820	1916
1917	5 380	5 100	5 380	5 800	6 230	6 540	6 850	6 610	6 280	6 280	6 280	6 140	6 080	1917
1918	5 520	5 270	5 690	5 550	5 720	5 830	5 780	5 720	5 800	5 890	5 880	5 880	5 880	1918
1919	5 880	5 840	5 780	6 080	6 540	6 510	6 280	6 170	5 970	5 780	5 880	6 880	6 010	1919
1920	5 040	4 870	4 840	5 150	5 880	5 750	5 780	5 720	5 880	5 610	5 610	5 800	5 440	1920
1921	5 520	5 320	5 520	5 880	6 120	6 000	5 920	5 640	5 580	5 380	5 270	5 880	5 850	1921
1922	5 270	4 900	5 010	5 750	5 820	5 870	5 780	5 680	5 580	5 440	5 350	5 130	5 480	1922
1923	4 830	4 730	4 930	5 130	5 410	5 520	5 300	5 210	5 070	4 980	4 930	5 210	5 120	1923
1924	5 470	4 900	4 980	5 270	5 680	5 880	5 880	5 490	5 380	5 350	5 300	5 180	5 380	1924
1925	4 590	4 500	4 840	4 930	5 130	5 040	4 930	4 840	4 780	4 810	4 930	4 900	4 850	1925
1926	4 150	3 890	4 400	4 760	4 740	5 110	4 950	4 900	4 850	5 350	5 570	5 270	4 850	1926
1927	4 820	4 640	4 840	5 220	5 510	5 810	5 510	5 390	5 270	5 110	5 140	5 740	5 270	1927
1928	5 470	5 100	5 180	5 270	5 490	5 830	5 900	5 740	5 600	5 500	5 610	5 870	5 530	1928
1929	5 480	5 380	5 810	6 420	7 040	6 910	6 820	6 550	6 280	6 080	6 340	6 110	6 270	1929
1930	6 300	6 090	6 410	6 210	6 680	6 840	6 380	6 040	5 940	5 710	5 620	5 500	6 130	1930
1931	5 250	4 850	4 810	5 080	5 200	5 180	5 170	5 080	5 000	4 900	4 690	4 930	5 040	1931
1932	5 380	5 480	5 230	5 250	5 400	5 370	5 300	5 090	4 890	4 780	4 720	4 820	5 140	1932
1933	4 840	4 880	4 580	4 850	5 820	5 500	5 180	4 980	4 820	4 710	4 610	4 500	4 810	1933
1934	4 420	4 020	4 130	4 480	4 530	4 470	4 380	4 370	4 340	4 320	4 180	4 280	4 330	1934
1935	4 200	4 080	4 270	4 380	4 840	4 730	4 880	4 750	4 590	4 470	4 410	4 420	4 470	1935
1936	4 020	3 320	4 480	4 860	4 880	4 870	4 800	4 650	4 580	4 870	4 780	4 500	4 540	1936
1937	5 000	5 240	5 050	5 290	5 850	5 890	5 850	5 820	5 380	5 120	5 070	4 920	5 320	1937
1938	4 480	4 590	5 080	5 470	5 560	5 510	5 480	5 570	5 330	5 180	5 210	5 180	5 220	1938
1939	4 850	4 740	5 070	5 240	5 600	5 870	5 520	5 520	5 280	5 230	5 080	5 170	5 280	1939
1940	4 620	4 530	4 750	5 280	5 370	5 840	5 520	5 280	5 350	5 140	5 270	5 300	5 170	1940
1941	5 280	5 140	5 000	5 080	5 140	5 120	5 080	5 000	4 920	4 830	5 010	4 850	5 040	1941
1942	4 570	4 580	4 950	5 340	5 810	5 880	5 820	5 630	5 570	5 480	5 600	5 630	5 380	1942
1943	5 250	5 440	5 540	5 580	6 290	6 730	6 570	6 480	6 250	5 950	6 010	5 900	6 000	1943
1944	5 400	5 210	5 430	5 810	6 180	6 280	6 050	5 850	5 780	5 570	5 430	5 530	5 720	1944
1945	4 980	5 110	5 840	5 900	6 180	6 220	6 180	6 150	6 010	6 380	6 120	6 070	5 920	1945
1946	5 870	5 530	5 750	5 810	5 810	6 130	6 050	5 990	5 700	5 550	5 630	5 600	5 600	1946
1947	5 370	5 060	5 330	5 290	6 300	6 900	6 620	6 350	6 270	5 900	5 950	6 030	5 940	1947
1948	5 520	5 490	5 870	6 320	6 580	6 480	6 290	6 130	5 840	5 680	5 720	5 690	5 980	1948
1949	5 710	5 780	5 740	5 810	5 790	5 840	5 540	5 410	5 380	5 140	5 110	5 120	5 510	1948
1950	5 580	5 880	5 740	5 980	6 210	6 130	5 880	5 680	5 590	5 530	5 670	5 660	5 780	1950
1951	5 830	5 710	5 880	6 470	6 580	6 470	6 280	6 110	6 000	5 880	6 020	6 170	6 120	1951
1952	6 480	6 810	6 780	7 040	7 130	6 880	6 810	6 610	6 470	6 220	6 030	6 100	6 570	1952
1953	6 080	6 280	6 280	6 380	6 390	6 350	6 280	6 280	6 120	6 610	6 610	6 080	6 170	1953
1954	5 590	5 540	5 890	6 370	6 510	6 270	6 040	6 080	5 970	6 240	6 340	6 340	6 110	1954

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NIAGARA RIVER AT QUEENSTON - STATION NO. 02HA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1880	---	---	---		
1881	---	---	---	214 000 000	1880
1882	---	---	---	213 000 000	1881
1883	---	---	---	217 000 000	1882
1884	---	---	---	209 000 000	1883
				199 000 000	1884
1885	---	---	---		
1886	---	---	---	189 000 000	1885
1887	---	---	---	193 000 000	1886
1888	---	---	---	194 000 000	1887
1889	---	---	---	185 000 000	1888
				194 000 000	1889
1870	---	---	---		
1871	---	---	---	207 000 000	1870
1872	---	---	---	195 000 000	1871
1873	---	---	---	178 000 000	1872
1874	---	---	---	189 000 000	1873
				198 000 000	1874
1875	---	---	---		
1876	---	---	---	184 000 000	1875
1877	---	---	---	214 000 000	1876
1878	---	---	---	195 000 000	1877
1879	---	---	---	203 000 000	1878
				188 000 000	1879
1880	---	---	---		
1881	---	---	---	193 000 000	1880
1882	---	---	---	189 000 000	1881
1883	---	---	---	208 000 000	1882
1884	---	---	---	204 000 000	1883
				208 000 000	1884
1885	---	---	---		
1886	---	---	---	203 000 000	1885
1887	---	---	---	205 000 000	1886
1888	---	---	---	203 000 000	1887
1889	---	---	---	190 000 000	1888
				185 000 000	1889
1890	---	---	---		
1891	---	---	---	199 000 000	1890
1892	---	---	---	180 000 000	1891
1893	---	---	---	181 000 000	1892
1894	---	---	---	181 000 000	1893
				180 000 000	1894
1895	---	---	---		
1896	---	---	---	181 000 000	1895
1897	---	---	---	184 000 000	1896
1898	---	---	---	175 000 000	1897
1899	---	---	---	181 000 000	1898
				175 000 000	1899
1900	---	---	---		
1901	---	---	---	178 000 000	1900
1902	---	---	---	185 000 000	1901
1903	---	---	---	174 000 000	1902
1904	---	---	---	185 000 000	1903
				187 000 000	1904
1905	---	---	---		
1906	---	---	---	183 000 000	1905
1907	---	---	---	182 000 000	1906
1908	---	---	---	192 000 000	1907
1909	---	---	---	192 000 000	1908
				181 000 000	1909
1910	---	---	---		
1911	---	---	---	174 000 000	1910
1912	---	---	---	166 000 000	1911
1913	---	---	---	178 000 000	1912
1914	---	---	---	184 000 000	1913
				179 000 000	1914
1915	---	---	---		
1916	---	---	---	169 000 000	1915
1917	---	---	---	164 000 000	1916
1918	---	---	---	191 000 000	1917
1919	---	---	---	179 000 000	1918
				190 000 000	1919
1920	---	---	---		
1921	---	---	---	172 000 000	1920
1922	---	---	---	178 000 000	1921
1923	---	---	---	173 000 000	1922
1924	---	---	---	161 000 000	1923
				170 000 000	1924
1925	---	---	---		
1926	---	---	---	153 000 000	1925
1927	---	8 540 ON DEC 16	3 570 ON JAN 8	153 000 000	1926
1928	---	7 380 ON DEC 8	3 280 ON FEB 20	166 000 000	1927
1929	---	7 220 ON JAN 20	4 460 ON FEB 2	175 000 000	1928
		8 440 ON MAY 3	4 420 ON JAN 16	198 000 000	1929
1930	---	7 580 ON JAN 15	5 150 ON DEC 4	193 000 000	1930
1931	---	5 830 ON JAN 13	4 250 ON DEC 31	159 000 000	1931
1932	---	6 600 ON MAR 7	4 080 ON OCT 18	163 000 000	1932
1933	---	5 730 ON MAY 27	3 680 ON FEB 12	155 000 000	1933
1934	---	5 150 ON DEC 4	3 600 ON JAN 4	137 000 000	1934
1935	---	5 410 ON OCT 3	3 450 ON FEB 8	141 000 000	1935
1936	---	5 720 ON MAR 27	2 780 ON FEB 7	144 000 000	1936
1937	---	6 600 ON JUL 28	4 130 ON JAN 6	168 000 000	1937
1938	---	5 630 ON DEC 27	3 450 ON JAN 18	165 000 000	1938
1939	---	6 230 ON JUN 12	3 600 ON JAN 30	166 000 000	1939
1940	---	6 650 ON NOV 12	3 910 ON JAN 24	184 000 000	1940
1941	---	5 230 ON JAN 5	4 190 ON NOV 6	159 000 000	1941
1942	---	7 230 ON DEC 3	3 820 ON JAN 13	189 000 000	1942
1943	---	8 840 ON OCT 17	3 850 ON JAN 22	189 000 000	1943
1944	---	6 680 ON JUN 24	4 470 ON MAR 4	181 000 000	1944
1945	---	7 380 ON OCT 2	3 820 ON JAN 7	187 000 000	1945
1946	---	6 830 ON JAN 13	4 870 ON FEB 18	183 000 000	1946
1947	---	7 380 ON JUN 15	3 880 ON APR 21	187 000 000	1947
1948	---	7 280 ON MAY 5	4 870 ON JAN 29	188 000 000	1948
1949	---	6 740 ON JAN 6	4 470 ON NOV 12	174 000 000	1949
1950	---	6 880 ON JAN 14	4 700 ON FEB 13	183 000 000	1950
1951	---	7 670 ON DEC 22	4 840 ON JAN 28	193 000 000	1951
1952	---	7 730 ON JAN 23	5 490 ON NOV 22	208 000 000	1952
1953	---	7 380 ON MAR 5	5 240 ON JAN 5	195 000 000	1953
1954	---	7 250 ON OCT 16	4 840 ON JAN 23	193 000 000	1954

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NIAGARA RIVER AT QUEENSTON - STATION NO. 02HA003 (CONTINUED)

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	5 460	5 180	5 580	5 760	5 730	5 460	5 180	5 120	5 880	5 940	5 070	5 800	5 280	1955
1956	5 280	5 170	5 450	5 790	6 300	5 180	5 020	5 080	6 050	5 630	5 840	5 520	5 780	1956
1957	5 460	5 280	5 350	5 850	5 930	5 880	6 010	5 710	5 830	5 320	5 500	5 480	5 820	1957
1958	5 400	5 000	5 090	5 180	5 180	5 180	5 260	5 250	5 190	5 030	5 080	4 880	5 140	1958
1959	4 710	4 880	5 220	5 400	5 600	5 580	5 310	5 130	4 980	5 080	5 220	5 210	5 190	1959
1960	5 510	5 450	5 240	5 570	5 930	6 030	5 940	5 740	5 670	5 530	5 840	5 480	5 850	1960
1961	5 120	5 180	5 460	5 920	6 390	6 250	6 010	5 680	5 820	5 520	5 380	5 460	5 700	1961
1962	5 000	4 850	5 270	5 380	5 530	5 310	5 190	5 130	5 050	5 070	4 880	5 180	5 150	1962
1963	4 710	4 440	4 890	5 090	5 280	5 270	5 010	4 900	4 550	4 440	4 580	4 830	4 830	1963
1964	3 980	3 980	4 620	4 920	5 190	5 080	4 800	4 700	4 590	4 490	4 330	4 270	4 580	1964
1965	4 380	4 570	4 820	4 810	5 110	5 200	4 990	4 840	4 810	4 940	4 980	4 920	4 870	1965
1966	4 980	5 080	5 250	5 290	5 630	5 570	5 440	5 370	5 180	5 050	4 960	5 430	5 270	1966
1967	5 380	5 260	5 200	5 680	5 850	5 600	5 590	5 490	5 330	5 500	5 640	5 630	5 510	1967
1968	5 470	5 100	5 820	5 950	6 000	6 070	6 050	5 880	5 800	5 720	5 600	5 820	5 880	1968
1969	5 670	5 920	5 900	6 140	6 710	6 710	6 610	6 520	6 290	6 160	6 050	6 010	6 230	1969
1970	5 590	5 680	5 720	6 040	6 200	6 150	6 150	5 950	5 970	5 850	6 000	5 050	5 840	1970
1971	6 020	5 850	6 140	6 140	6 140	6 400	6 080	5 980	5 930	5 880	5 840	5 970	6 030	1971
1972	6 120	5 850	6 260	6 380	6 680	6 700	6 670	6 530	6 410	6 490	6 670	7 000	6 480	1972
1973	6 970	6 700	7 190	7 540	7 460	7 430	7 330	7 030	6 740	6 570	6 630	6 840	7 020	1973
1974	6 590	6 760	7 150	7 550	7 580	7 300	7 080	6 750	6 580	6 380	6 410	6 520	6 890	1974
1975	6 770	6 880	6 780	7 100	6 980	6 880	6 830	6 820	6 770	6 580	6 550	6 480	6 780	1975
1976	6 330	6 800	7 170	7 350	7 280	7 010	6 980	6 890	6 840	6 420	6 360	5 890	6 720	1976
1977	5 850	5 440	5 780	6 130	6 490	6 320	6 200	6 230	6 270	6 180	6 110	6 450	6 100	1977
1978	5 820	5 930	6 150	6 680	6 700	6 770	6 280	6 220	5 850	5 980	5 750	5 980	6 190	1978
1979	5 690	5 590	5 950	6 400	6 820	6 830	6 430	6 520	6 390	6 490	6 350	6 500	6 300	1979
1980	6 530	6 200	6 420	6 900	6 820	6 880	6 750	6 790	6 710	6 500	6 130	6 100	6 570	1980
1981	5 730	5 840	6 050	6 090	6 390	6 800	6 430	6 420	6 500	6 380	6 380	6 260	6 280	1981
1982	6 220	5 920	6 450	6 800	6 580	6 760	6 330	6 250	5 990	5 880	6 170	6 350	6 280	1982
1983	6 360	6 150	6 230	6 530	6 810	6 510	6 610	6 720	6 480	6 240	6 330	6 680	6 470	1983
1984	6 020	6 220	6 540	6 780	6 680	6 630	6 560	6 480	6 380	6 230	6 320	6 360	6 430	1984
MEAN	5 570	5 430	5 620	5 880	6 150	6 180	6 070	5 980	5 840	5 740	5 760	5 760	5 830	MEAN

LOCATION - LAT 43 09 25 N DRAINAGE AREA, 686 000 km²
LONG 79 02 50 W REGULATED SINCE 1955

DATA CONTRIBUTED BY - INTERNATIONAL NIAGARA COMMITTEE

REMARKS - DAILY DISCHARGES PRIOR TO 1926 ARE NOT AVAILABLE. DISCHARGES INCLUDE FLOW FROM WELLAND CANAL TO WELLAND RIVER

NIAGARA RIVER AT QUEENSTON - STATION NO. 02HA003 (CONTINUED)

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1955	---	5 470 ON NOV 17 *	5 320 ON FEB 2	197 000 000	1955
1956	---	6 880 ON MAY 14	4 560 ON JAN 8	182 000 000	1956
1957	---	7 250 ON NOV 9	4 760 ON APR 4	177 000 000	1957
1958	---	6 290 ON JAN 1	4 330 ON NOV 16	182 000 000	1958
1959	---	6 120 ON JAN 22	4 160 ON JAN 7	184 000 000	1959
1960	---	6 630 ON NOV 30	4 330 ON MAR 3	179 000 000	1960
1961	---	6 650 ON APR 26	4 330 ON JAN 15	180 000 000	1961
1962	---	6 140 ON JAN 7	3 990 ON JAN 13	163 000 000	1962
1963	---	6 880 ON JAN 14	3 820 ON JAN 28	152 000 000	1963
1964	---	5 550 ON MAR 26	2 440 ON JAN 12 *	145 000 000	1964
1965	---	5 920 ON NOV 27	3 540 ON JAN 18	154 000 000	1965
1966	---	6 310 ON DEC 28	4 050 ON JAN 28	168 000 000	1966
1967	---	6 400 ON DEC 22	4 280 ON FEB 19	174 000 000	1967
1968	---	7 530 ON DEC 5	4 580 ON JAN 13	185 000 000	1968
1969	---	7 190 ON JUN 3	4 470 ON JAN 5	196 000 000	1969
1970	---	7 380 ON NOV 23	4 840 ON JAN 11	188 000 000	1970
1971	---	7 280 ON JAN 27	4 870 ON OCT 24	190 000 000	1971
1972	---	8 070 ON DEC 18	4 980 ON FEB 5	205 000 000	1972
1973	---	8 330 ON MAR 18	5 720 ON JAN 13	221 000 000	1973
1974	---	8 330 ON APR 15	4 980 ON DEC 1	217 000 000	1974
1975	---	8 330 ON FEB 28	5 320 ON OCT 18	213 000 000	1975
1976	---	8 010 ON MAR 7	4 730 ON DEC 25	213 000 000	1976
1977	---	7 450 ON DEC 9	5 100 ON JAN 9	193 000 000	1977
1978	---	8 010 ON JAN 10	5 010 ON JAN 14	195 000 000	1978
1979	---	7 790 ON APR 6	4 900 ON FEB 25	198 000 000	1979
1980	---	7 980 ON JAN 12	5 440 ON DEC 28	208 000 000	1980
1981	---	7 140 ON SEP 10	5 070 ON APR 12	197 000 000	1981
1982	---	8 300 ON JAN 11	5 210 ON OCT 10	198 000 000	1982
1983	---	7 840 ON DEC 24	5 130 ON FEB 12	204 000 000	1983
1984	---	7 280 ON MAR 23	5 320 ON JAN 1	203 000 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		24 100 000	MEAN

NIPIGON RIVER AT PINE PORTAGE - STATION NO. 02AD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	505	557	513	430	309	344	380	---	1950
1951	388	480	488	525	318	423	323	322	287	370	327	422	388	1951
1952	441	440	505	507	302	281	316	294	298	322	315	288	358	1952
1953	284	288	288	270	274	328	430	348	333	325	335	385	323	1953
1954	447	498	498	455	508	558	537	471	333	331	398	418	453	1954
1955	438	442	485	408	404	342	322	324	346	349	349	341	379	1955
1956	371	378	320	304	289	372	333	325	314	318	342	338	332	1956
1957	318	336	339	328	289	305	493	397	348	333	355	368	351	1957
1958	387	391	330	288	318	344	383	413	380	353	394	435	365	1958
1959	471	481	482	367	327	338	421	331	387	380	358	357	380	1959
1960	381	388	330	334	322	300	293	318	320	343	312	305	325	1960
1961	308	281	284	318	305	352	329	350	344	312	326	314	317	1961
1962	333	335	339	308	299	295	247	237	251	284	272	257	288	1962
1963	307	312	295	286	277	348	321	388	400	380	348	310	331	1963
1964	333	380	385	397	483	538	571	567	507	557	591	595	489	1964
1965	457	447	437	388	342	372	357	380	354	323	344	321	376	1965
1966	331	341	385	377	378	484	582	418	384	404	398	330	387	1966
1967	341	342	388	367	275	281	273	308	328	331	280	257	311	1967
1968	288	331	344	387	334	474	588	512	414	433	414	438	410	1968
1969	458	532	583	517	510	585	570	526	498	418	405	400	497	1969
1970	402	417	423	430	403	410	387	388	385	434	558	500	427	1970
1971	527	551	546	544	508	548	462	423	402	393	434	421	478	1971
1972	489	510	512	488	408	413	400	403	380	392	408	284	425	1972
1973	284	288	222	232	228	287	238	258	256	240	229	224	245	1973
1974	225	257	278	278	358	583	587	487	408	389	392	438	388	1974
1975	435	436	443	438	438	425	380	385	431	402	294	303	389	1975
1976	316	348	381	370	328	323	322	328	330	378	418	315	344	1976
1977	253	236	228	188	227	280	188	222	173	298	348	384	251	1977
1978	382	381	328	315	181	325	348	282	288	218	302	393	311	1978
1979	402	393	373	358	298	304	311	343	314	342	295	321	338	1979
1980	372	394	450	305	286	301	293	381R	255R	293	158R	198R	304R	1980
1981	251	352	356	344	302	290	288	226	238	191	158	146	260	1981
1982	120	116	120	125	139	182	201	224	284	316	385	390	215	1982
1983	375	355	372	352	283	282	181	187	188	323	341	351	297	1983
1984	356	356	353	341	278	309	384	387	356	341	338	294	341	1984
MEAN	381	375	378	359	328	372	374	381R	340R	348	350R	349R	356	MEAN

LOCATION - LAT 49 18 28 N
LONG 88 18 40 W

DRAINAGE AREA, 24 600 km²
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

R - REVISED SINCE JAN 1980

NIPIGON RIVER AT PINE PORTAGE - STATION NO. 02AD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1950	---	---	---	---	1950
1951	---	547 ON APR 28	162 ON SEP 3	12 200 000	1951
1952	---	532 ON APR 3	140 ON DEC 25	11 300 000	1952
1953	---	518 ON JUL 14	169 ON JAN 1	10 200 000	1953
1954	---	600 ON JUN 29	217 ON OCT 3	14 300 000	1954
1955	---	538 ON JAN 21	143 ON SEP 5	12 000 000	1955
1956	---	524 ON JUN 15	149 ON SEP 3	10 500 000	1956
1957	---	556 ON JUL 17	117 ON JUN 16	11 100 000	1957
1958	---	527 ON DEC 10	80.7 ON JUL 1	11 500 000	1958
1959	---	547 ON MAR 10	140 ON MAY 24	12 300 000	1959
1960	---	436 ON FEB 10	87.8 ON DEC 25	10 300 000	1960
1961	---	439 ON APR 13	105 ON FEB 26	10 000 000	1961
1962	---	433 ON JAN 17	86.7 ON JUL 2	9 020 000	1962
1963	---	498 ON JUN 20	105 ON JAN 1	10 500 000	1963
1964	---	640 ON AUG 23 *	136 ON JAN 1	15 500 000	1964
1965	---	575 ON JAN 3	85.8 ON SEP 5	11 900 000	1965
1966	---	614 ON JUL 31	113 ON JAN 1	12 600 000	1966
1967	---	418 ON FEB 25	93.4 ON JUL 2	8 810 000	1967
1968	---	629 ON JUL 29	140 ON JAN 1	13 000 000	1968
1969	---	608 ON JUN 23	200 ON SEP 1	15 700 000	1969
1970	---	597 ON NOV 11	148 ON SEP 7	13 500 000	1970
1971	---	580 ON JUN 14	225 ON SEP 8	15 100 000	1971
1972	---	538 ON MAR 6	232 ON DEC 24	13 400 000	1972
1973	---	430 ON JAN 6	116 ON JUL 15	7 740 000	1973
1974	---	589 ON JUN 10	148 ON FEB 10	12 300 000	1974
1975	---	487 ON MAY 28	34.5 ON AUG 3	12 600 000	1975
1976	---	484 ON OCT 28	74.8 ON DEC 25	10 900 000	1976
1977	---	442 ON DEC 13	1.42 ON JAN 1 *	7 930 000	1977
1978	---	483 ON DEC 7	89.5 ON MAY 14	9 800 000	1978
1979	---	484 ON APR 8	113 ON DEC 25	10 700 000	1979
1980	---	485 ON MAR 19	85.0 ON DEC 8	9 610 000R	1980
1981	---	423 ON FEB 25	47.8 ON JUL 2	8 180 000	1981
1982	---	433 ON AUG 1	72.2 ON FEB 2	8 780 000	1982
1983	---	420 ON JAN 12	58.8 ON JUL 10	9 370 000	1983
1984	---	413 ON JUL 18	228 ON DEC 14	10 600 000	1984
				11 200 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

NIPIGON RIVER BELOW VIRGIN FALLS - STATION NO. 02AD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1926	---	---	---	---	---	---	---	---	127	145	140	193	---	1926
1927	249	278	288	358	362	447	494	465	393	367	377	372	371	1927
1928	380	374	392	380	347	218	189	182	194	186	225	223	273	1928
1929	211	184	196	190	213	214	243	224	250	256	278	215	223	1929
1930	209	179	173	188	224	229	222	217	243	218	192	146	203	1930
1931	113	118	115	111	118	122	120	112	97.3	90.7	93.0	95.7	109	1931
1932	96.3	182	214	271	340	380	217	219	211	193	184	225	224	1932
1933	222	212	201	189	255	304	197	151	183	188	208	221	208	1933
1934	211	219	238	321	382	473	485	299	253	245	229	361	310	1934
1935	358	338	334	408	457	338	248	258	354	380	378	385	358	1935
1936	387	393	398	431	383	386	217	207	232	277	304	322	326	1936
1937	323	321	319	308	278	287	251	283	287	278	277	278	289	1937
1938	275	252	254	280	322	321	244	209	274	280	283	275	270	1938
1939	289	272	288	277	253	273	249	233	259	218	211	204	248	1939
1940	213	183	183	184	177	184	186	180	185	180	185	152	178	1940
1941	184	184	171	189	170	182	188	185	184	208	284	260	193	1941
1942	293	328	273	212	261	212	214	182	190	199	202	215	230	1942
1943	226	226	257	259	218	208	228	229	258	270	267	287	242	1943
1944	258	285	285	---	---	422	394	378	451	371	271	280	---	1944
1945	318	303	284	307	301	300	288	286	287	287	308	305	298	1945
1946	292	300	318	332	324	383	341	318	319	320	327	323	325	1946
1947	319	382	427	437	438	435	361	320	321	314	315	315	353	1947
1948	320	328	328	327	438	456	340	343	324	309	301	298	343	1948
1949	293	288	318	341	388	400	358	320	310	304	287	280	324	1949
1950	295	314	315	331	---	---	---	---	---	---	---	---	---	1950
MEAN	282	285	271	285	301	308	273	258	257	252	254	258	289	MEAN

LOCATION - LAT 49 25 00 N, LONG 88 13 00 W DRAINAGE AREA, 24 500 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

NIPIGON RIVER BELOW VIRGIN FALLS - STATION NO. 02AD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1926	---	---	---	---	1926
1927	---	501 ON JUL 13	226 ON JAN 3	11 700 000	1927
1928	---	405 ON MAY 17	148 ON JUL 8	8 830 000	1928
1929	---	311 ON NOV 21	183 ON FEB 22	7 030 000	1929
1930	---	283 ON SEP 17	128 ON DEC 31	6 410 000	1930
1931	---	194 ON JUN 30	87.7 ON DEC 24 *	3 420 000	1931
1932	---	379 ON MAY 25	83.3 ON JAN 7	7 080 000	1932
1933	---	337 ON JUN 4	121 ON DEC 24	6 570 000	1933
1934	---	504 ON JUL 10 *	150 ON JAN 21	9 780 000	1934
1935	---	476 ON MAY 25	194 ON JUL 28	11 200 000	1935
1936	---	445 ON MAY 31	150 ON AUG 1	10 300 000	1936
1937	---	348 ON JAN 21	202 ON SEP 5	9 110 000	1937
1938	---	450 ON MAY 23	177 ON APR 22	8 510 000	1938
1939	---	374 ON JUN 10	136 ON OCT 20	7 830 000	1939
1940	---	300 ON AUG 17	125 ON FEB 18	5 820 000	1940
1941	---	282 ON NOV 26	132 ON JAN 1	8 070 000	1941
1942	---	442 ON MAY 14	138 ON SEP 6	7 270 000	1942
1943	---	283 ON APR 7	189 ON JAN 1	7 640 000	1943
1944	---	---	---	---	1944
1945	---	357 ON JAN 8	255 ON MAR 12	9 440 000	1945
1946	---	394 ON JUN 25	288 ON JAN 28	10 200 000	1946
1947	---	484 ON MAY 29	303 ON OCT 28	11 400 000	1947
1948	---	501 ON MAY 30	259 ON OCT 29	10 800 000	1948
1949	---	413 ON JUN 23	287 ON OCT 10	10 200 000	1949
1950	---	---	---	---	1950
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		8 470 000	MEAN

NIPIGON RIVER NEAR CAMERON FALLS - STATION NO. 02AD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1922	---	---	---	---	---	---	---	---	---	183	184	183	---	1922
1923	170	159	141	136	151	157	163	166	184	177	184	184	184	1923
1924	147	145	---	133	148	148	154	153	157	---	---	---	---	1924
1925	---	182	182	181	171	178	188	157	---	182	170	---	---	1925
1926	---	172	149	144	148	148	142	144	154	---	---	---	---	1926
MEAN	159	160	151	144	154	157	162	160	168	174	168	168	164	MEAN

LOCATION - LAT 49 08 00 N, LONG 88 20 00 W DRAINAGE AREA, 23 800 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

NIPIGON RIVER NEAR CAMERON FALLS - STATION NO. 02AD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1922	---	---	---	---	1922
1923	---	---	---	---	1923
1924	---	208 ON JAN 2 *	125 ON APR 8 *	5 180 000	1924
		---	---	---	1925
1925	---	---	---	---	1926
1926	---	---	---	---	
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 180 000	MEAN

NITH RIVER ABOVE NITHBURG - STATION NO. 02GA038

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	7.87	26.6	0.788	0.788	1.04	0.112	0.089	2.72	3.82	8.70	---	1972
1973	8.97	3.38	21.3	3.11	4.15	0.577	0.131	0.358	0.050	0.081	3.98	3.12	4.13	1973
1974	7.42	2.22	12.1	10.6	9.80	0.283	0.115	0.053	0.057	0.079	0.480	0.210	3.84	1974
1975	3.45	5.49	9.95	17.0	0.731	1.55	0.089	7.20	3.20	0.702	2.98	5.50	4.88	1975
1976	1.38	10.6	25.8	7.35	3.84	0.198	0.181	0.101	0.243	0.385	1.67	0.487	4.37	1976
1977	0.245	0.180	23.6	2.54	0.267	0.083	0.144	0.444	3.33	4.48	5.35	8.28	3.98	1977
1978	1.43	0.833	5.01	28.8	1.82	0.257	0.060	0.048	1.30	1.32	1.35	1.93	3.71	1978
1979	2.99	0.488	13.8	13.8	1.47	0.219	0.102	0.090	0.077	0.440	8.58	11.3	4.48	1979
1980	1.78	0.225	15.9	10.4	1.88	0.586	0.238	0.093	0.125	0.862	0.882	4.67	3.13	1980
1981	0.302	16.3	3.12	2.88	2.26	0.256	0.099	1.38	4.42	7.70	2.87	1.71	3.61	1981
1982	0.847	0.288	16.6	14.1	0.887	2.20	0.613	2.78	2.87	0.857	10.3	13.4	5.47	1982
1983	1.84	4.71	4.28	5.38	8.88	1.54	0.332	0.614	1.76	2.53	3.61	5.93	3.45	1983
1984	0.672	17.5	10.4	4.70	1.28	1.98	0.158	0.089	1.08	0.252	4.98	10.1	4.37	1984
MEAN	2.80	5.18	13.1	11.4	2.90	0.808	0.254	1.03	1.43	1.73	3.89	5.57	4.09	MEAN

LOCATION - LAT 43 28 02 N DRAINAGE AREA, 326 km^2
LONG 80 50 08 W NATURAL FLOW

NITH RIVER ABOVE NITHBURG - STATION NO. 02GA038

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	142 AT 03:06 EST ON APR 17	112 ON APR 13	---	---	1972
1973	141 AT 19:02 EST ON MAR 11	88.0 ON MAR 11	0.031 ON SEP 7	130 000	1973
1974	202 AT 05:56 EST ON MAY 17	121 ON MAY 17	0.040 ON AUG 25	115 000	1974
1975	289 AT 04:07 EST ON APR 19 *	184 ON APR 19	0.045 ON AUG 18	154 000	1975
1976	262 R AT 07:00 EST ON MAR 21	178 ON MAR 21	0.076 ON AUG 26	136 000	1976
1977	226 AT 08:15 EST ON MAR 13	196 ON MAR 13 *	0.054 ON JUN 21	125 000	1977
1978	135 AT 14:10 EST ON APR 11	119 ON APR 11	0.037 ON AUG 14	117 000	1978
1979	278 AT 04:57 EST ON APR 14	182 ON APR 14	0.057 ON SEP 7	140 000	1979
1980	---	180 B ON MAR 21	0.088 ON AUG 26	99 000	1980
1981	135 AT 20:20 EST ON FEB 23	102 ON FEB 23	0.047 ON AUG 26	111 000	1981
1982	268 AT 20:07 EST ON MAR 31	191 ON MAR 31	0.157 ON JUL 15	173 000	1982
1983	70.4 AT 20:28 EST ON MAY 2	40.7 ON MAY 2	0.043 ON JUL 28	109 000	1983
1984	---	95.0 ON DEC 29	0.020 ON AUG 28 *	138 000	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		129 000	MEAN
		R - REVISED SINCE JAN 1980			

NITH RIVER AT NEW HAMBURG - STATION NO. 02GA018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	1.03	0.516	0.754	0.589	0.285	0.562	5.14	11.0	---	1950
1951	10.7	9.15	23.9	20.0	1.84	1.22	2.67	0.632	0.610	2.97	11.6	4.02	7.42	1951
1952	12.5	5.98	16.9	18.1	2.46	0.478	0.513	0.762	0.568	0.471	1.03	4.43	5.48	1952
1953	4.47	5.19	17.8	3.81	13.5	8.84	1.88	1.10	0.538	0.456	0.648	1.23	5.02	1953
1954	1.36	23.7	22.9	18.3	2.07	0.900	0.461	0.509	0.631	16.2	2.59	5.44	7.82	1954
1955	8.43	1.86	18.2	19.2	1.81	0.823	0.391	0.335	0.469	1.19	8.30	4.13	5.32	1955
1956	1.54	1.85	13.8	34.2	25.3	2.10	3.50	6.26	2.55	1.26	1.38	8.82	8.38	1956
1957	5.09	6.15	10.4	13.9	4.11	5.11	3.47	0.780	1.39	1.00	7.75	14.7	6.15	1957
1958	1.60	1.17	13.8	4.64	0.639	0.651	0.359	0.334	2.26	0.683	4.10	1.91	2.89	1958
1959	1.87	2.38	12.9	38.3	5.80	0.834	0.516	0.314	0.388	1.16	4.80	4.61	6.12	1959
1960	2.45	3.86	5.40	40.3	11.8	3.26	0.531	0.378	0.244	0.784	1.10	0.478	5.83	1960
1961	0.348	7.80	9.08	5.55	4.84	1.05	0.958	0.652	0.929	0.502	2.69	3.83	3.14	1961
1962	0.818	0.808	22.6	8.68	1.08	0.559	0.337	0.301	0.305	0.646	1.83	3.86	3.55	1962
1963	0.850	0.525	23.9	5.38	3.83	0.867	0.467	0.434	0.348	0.383	0.568	0.477	3.19	1963
1964	2.86	1.64	15.1	9.82	2.77	0.686	0.438	3.58	0.787	0.422	0.659	5.86	3.74	1964
1965	4.75	13.6	8.10	24.2	3.34	0.448	0.482	0.392	0.415	8.74	9.04	14.7	7.12	1965
1966	2.86	5.27	14.7	6.85	3.71	5.84	0.264	0.354	0.288	0.352	3.57	14.1	4.86	1966
1967	8.80	3.44	16.0	23.1	2.80	8.86	4.71	1.09	0.801	8.75	13.0	16.6	9.26	1967
1968	2.28	16.5	21.5	4.53	1.52	0.600	0.841	5.07	8.15	4.89	11.2	7.33	8.81	1968
1969	7.62	7.07	22.1	25.3	8.84	1.18	0.725	0.840	0.484	0.807	4.84	1.84	8.77	1969
1970	1.07	1.87	8.94	24.4	5.14	0.842	1.04	0.458	1.21	3.07	7.28	8.70	5.17	1970
1971	3.20	3.25	12.0	30.4	1.62	1.87	0.751	0.611	0.508	0.621	0.738	8.00	5.11	1971
1972	5.40	1.38	10.7	37.0	2.00	1.54	1.85	0.543	0.488	3.85	8.48	8.84	8.68	1972
1973	13.7	5.85	32.7	8.99	8.10	1.43	0.787	1.08	0.450	0.671	8.28	8.10	8.70	1973
1974	13.1	4.52	20.7	18.1	15.5	1.18	0.858	0.401	0.385	0.474	1.61	0.748	8.31	1974
1975	8.71	8.40	15.4	28.1	2.28	2.63	0.630	8.42	4.48	1.50	3.87	8.78	7.59	1975
1976	2.67	18.5	36.2	12.4	8.87	0.840	0.788	0.787	0.872	1.08	2.48	1.13	7.18	1976
1977	0.708	0.714	32.0	8.37	1.05	0.842	0.580	1.04	8.72	7.13	7.18	8.84	8.08	1977
1978	2.28	1.67	8.01	44.1	3.34	0.870	0.418	0.437	2.28	1.88	2.17	3.08	5.82	1978
1979	4.20	0.991	36.9	24.2	3.08	0.908	0.501	0.418	0.470	0.820	8.28	12.1	7.74	1979
1980	2.81	1.30	18.9	14.4	4.44	2.07	0.971	0.515	0.630	1.79	1.07	5.31	4.53	1980
1981	0.641	23.8	5.74	5.21	3.66	1.30	0.897	2.10	7.93	8.82	3.84	2.84	5.42	1981
1982	1.75	0.985	15.9	27.8	1.72	3.12	1.54	3.26	3.90	2.02	14.2	21.8	8.53	1982
1983	4.45	8.31	7.87	10.3	15.7	3.77	1.03	1.88	3.71	4.62	8.53	10.8	8.56	1983
1984	1.51	28.0	16.9	9.28	3.34	3.81	0.831	0.849	3.81	1.26	10.1	13.9	7.89	1984
MEAN	4.21	6.62	17.5	18.2	5.10	2.07	1.08	1.40	1.84	2.56	5.08	7.07	8.05	MEAN

LOCATION - LAT 43 22 39 N DRAINAGE AREA, 562 km²
LONG 80 42 41 W NATURAL FLOW

REMARKS - MINOR REGULATION

NITH RIVER AT NEW HAMBURG - STATION NO. 02GA018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	188 AT 01:45 EST ON MAR 31	86.8 ON MAR 30	0.311 ON SEP 5	234 000	1951
1952	103 AT 04:00 EST ON MAR 22	90.3 ON APR 1	0 ON AUG 12 *	174 000	1952
1953	---	86.0 ON JUN 17	0.057 ON OCT 24	158 000	1953
1954	340 AT 11:55 EST ON OCT 16	232 ON OCT 16	0.340 ON AUG 22	247 000	1954
1955	---	92.0 ON APR 2	0.311 ON JUL 21	188 000	1955
1956	217 AT 23:55 EST ON APR 4	188 ON MAY 12	0.621 ON AUG 4	285 000	1956
1957	---	154 ON DEC 21	0.340 ON OCT 6	194 000	1957
1958	---	85.1 ON MAR 28	0.085 ON AUG 17	84 900	1958
1959	170 AT 08:00 EST ON APR 6	144 ON APR 6	0.195 ON AUG 13	193 000	1959
1960	250 AT 08:30 EST ON APR 4	202 ON APR 4	0.108 ON AUG 26	184 000	1960
1961	88.8 AT 04:00 EST ON FEB 25	81.7 ON FEB 25	0.1988 ON JAN 24	88 100	1961
1962	159 AT 10:00 EST ON MAR 30	155 ON MAR 30	0.088 ON AUG 6	112 000	1962
1963	261 AT 10:00 EST ON MAR 28	213 ON MAR 28	0.167 ON OCT 18	101 000	1963
1964	---	76.8 ON APR 7	0.147 ON JUL 7	118 000	1964
1965	270 AT 08:15 EST ON FEB 11	181 ON FEB 11	0.204 ON AUG 25	224 000	1965
1966	221 AT 22:00 EST ON DEC 7	126 ON DEC 8	0.105 ON JUL 22	153 000	1966
1967	334 AT 12:30 EST ON APR 3	211 ON APR 3	0.463 ON SEP 19	282 000	1967
1968	280 A AT 16:00 EST ON FEB 2	146 A ON FEB 3	0.232 ON JUN 22	215 000	1968
1969	197 AT 15:23 EST ON APR 5	144 ON APR 5	0.411 ON AUG 14	213 000	1969
1970	126 AT 12:17 EST ON APR 9	107 ON APR 9	0.371 ON AUG 18	183 000	1970
1971	104 AT 08:42 EST ON APR 10	85.8 ON APR 10	0.348 ON AUG 8	181 000	1971
1972	176 AT 23:24 EST ON APR 13	144 ON APR 13	0.385 ON SEP 18	207 000	1972
1973	183 AT 07:00 EST ON MAR 12	133 ON MAR 12	0.227 ON JUN 22	211 000	1973
1974	311 AT 13:59 EST ON MAR 6	198 ON MAY 17	0.276 ON SEP 2	188 000	1974
1975	463 AT 14:24 EST ON APR 18 *	303 ON APR 18 *	0.371 ON AUG 18	239 000	1975
1976	323 AT 15:31 EST ON MAR 21	286 ON MAR 21	0.450 ON SEP 5	227 000	1976
1977	382 B AT 14:15 EST ON MAR 13	256 B ON MAR 13	0.345 ON JUL 30	191 000	1977
1978	189 AT 23:22 EST ON APR 11	139 ON APR 12	0.331 ON JUL 19	183 000	1978
1979	388 AT 15:46 EST ON APR 14	288 ON APR 14	0.322 ON JUL 28	245 000	1979
1980	---	190 E ON MAR 21	0.435E ON SEP 12	143 000	1980
1981	158 E AT 06:33 EST ON FEB 24	120 E ON FEB 24	0.630B ON FEB 10	171 000	1981
1982	321 E AT 01:00 EST ON APR 1	220 B ON APR 1	0.817 ON JUL 14	289 000	1982
1983	114 AT 05:31 EST ON MAY 3	80.5 ON MAY 3	0.362 ON JUL 27	207 000	1983
1984	159 AT 02:14 EST ON FEB 15	144 ON FEB 15	0.357 ON AUG 28	243 000	1984
				181 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NITH RIVER NEAR CANNING - STATION NO. 02GA010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	3.96	3.61	6.24	13.2	7.47	---	1913
1914	10.0	9.24	28.3	15.4	7.58	4.13	2.49	2.21	2.88	3.24	6.97	7.79	8.36	1914
1915	5.18	17.2	32.8	17.2	4.24	3.05	3.38	15.9	8.21	7.84	11.6	7.84	11.2	1915
1916	35.6	16.2	34.3	33.1	22.6	16.3	3.71	2.80	2.81	3.51	3.67	6.20	15.3	1916
1917	5.18	3.10	37.5	19.6	13.6	12.7	27.5	3.97	3.31	---	---	---	---	1917
1920	---	---	41.7	17.3	4.74	3.05	3.07	2.78	2.44	3.47	6.67	21.3	---	1920
1921	14.4	4.12	35.0	18.6	12.6	7.02	7.10	3.59	2.96	5.91	6.49	18.9	11.7	1921
1922	5.79	20.1	28.4	36.1	4.34	7.85	2.82	2.86	3.62	2.86	3.00	4.80	9.84	1922
1923	4.05	2.82	26.7	27.9	15.0	6.97	3.05	1.87	2.70	---	---	---	---	1923
1924	---	---	---	27.4	17.4	---	---	---	---	---	---	---	---	1924
1925	---	---	---	5.34	2.38	1.86	---	---	---	---	---	---	---	1925
1926	---	---	---	43.8	5.68	2.80	---	---	---	---	---	---	---	1926
1947	---	---	---	---	---	---	10.8	4.72	2.87	3.55	4.09	10.0	---	1947
1948	4.45	11.2	83.5	12.9	9.89	3.84	3.18	2.10	1.91	2.49	4.84	3.31	10.4	1948
1949	15.8	27.6	27.3	9.10	3.74	1.88	2.17	1.79	1.84	3.12	2.71	20.8	9.75	1949
1950	25.8	10.5	38.2	34.8	4.38	2.87	3.81	3.47	2.68	2.88	9.85	20.2	13.1	1950
1951	19.6	18.2	35.7	31.3	8.24	4.57	5.73	3.27	2.84	5.34	15.6	7.13	12.8	1951
1952	23.7	12.7	27.1	23.5	6.07	3.23	3.07	2.65	2.68	2.58	3.63	7.77	9.89	1952
1953	10.0	9.25	29.6	8.17	17.5	16.9	5.16	3.37	2.62	2.75	3.05	4.30	9.41	1953
1954	3.08	33.7	33.8	26.5	5.59	3.52	2.48	2.14	2.51	26.5	6.62	9.88	13.2	1954
1955	12.0	4.80	25.8	25.1	5.41	3.38	2.28	2.03	2.12	3.83	11.9	8.81	9.78	1955
1956	3.43	3.95	29.5	42.6	37.2	6.11	7.16	11.6	10.5	4.77	5.01	12.3	14.5	1956
1957	10.7	13.1	19.5	20.7	6.88	7.47	6.52	2.83	4.28	3.89	11.4	23.0	11.2	1957
1958	5.85	4.08	16.5	9.88	3.46	2.85	3.22	2.08	5.44	3.03	7.71	3.80	5.83	1958
1959	4.94	6.53	28.1	60.6	10.2	3.57	2.80	2.18	2.84	4.48	9.80	11.5	11.3	1959
1960	9.85	11.5	10.7	67.3	21.5	8.31	3.54	3.13	2.35	2.70	3.62	2.32	12.1	1960
1961	1.81	14.2	15.0	11.2	9.12	4.09	3.85	2.95	3.11	2.62	5.18	7.40	6.64	1961
1962	3.12	2.30	30.8	14.8	3.70	3.39	2.00	2.40	2.05	3.08	5.88	7.21	6.73	1962
1963	2.44	1.88	34.0	11.0	6.93	2.78	1.80	1.88	1.71	1.82	2.30	1.85	5.91	1963
1964	4.70	3.98	19.8	14.3	4.81	2.33	1.89	5.40	2.74	2.10	2.35	8.77	6.12	1964
1965	7.84	28.0	19.4	44.0	6.83	2.27	2.36	1.84	1.52	8.93	12.3	21.5	12.9	1965
1966	7.88	10.1	22.0	10.2	7.10	8.19	1.77	2.00	2.00	2.21	7.12	22.5	8.84	1966
1967	17.1	8.80	28.0	33.8	7.17	17.0	8.74	5.01	3.38	13.1	19.2	23.7	15.4	1967
1968	5.34	24.4	38.3	10.7	5.48	4.18	3.15	8.40	9.85	7.76	15.0	12.5	11.6	1968
1969	13.8	20.4	30.7	38.3	14.8	4.42	3.15	3.44	2.25	3.03	8.49	8.48	12.1	1969
1970	2.44	5.02	11.8	33.7	8.26	3.40	4.31	2.83	3.62	5.71	11.0	13.4	8.87	1970
1971	8.71	6.08	20.0	43.5	6.83	4.21	2.70	2.81	2.33	2.50	2.83	8.50	9.03	1971
1972	8.84	4.37	21.4	82.6	7.23	5.88	5.75	3.42	2.78	8.85	10.1	13.1	11.6	1972
1973	18.8	10.8	80.7	14.2	11.4	5.05	3.38	3.82	2.56	2.90	10.4	10.9	12.1	1973
1974	21.5	11.2	32.4	25.9	24.8	5.45	3.89	2.80	2.56	3.07	5.57	3.79	11.9	1974
1975	10.5	16.3	27.8	38.8	8.15	8.17	2.88	12.7	8.52	4.36	8.15	16.3	13.2	1975
1976	5.44	31.3	85.3	20.4	13.8	4.20	3.70	4.78	4.02	4.42	5.89	4.22	13.1	1976
1977	2.88	3.13	48.4	18.1	4.80	3.68	3.02	3.31	11.9	15.1	12.7	17.3	11.8	1977
1978	7.03	8.44	15.4	88.2	8.21	4.38	2.88	2.62	5.47	5.04	5.68	7.32	10.8	1978
1979	7.78	3.55	44.8	37.8	8.77	4.38	3.07	3.70	3.28	4.14	14.0	21.8	13.1	1979
1980	8.88	5.11	32.0	23.8	8.45	5.01	4.49	3.58	3.40	4.83	4.18	8.82	8.48	1980
1981	2.89	34.2	10.7	11.0	7.85	4.00	2.88	2.78	12.4	13.8	8.38	8.53	9.80	1981
1982	5.41	3.43	30.0	50.7	7.08	8.08	4.81	8.82	7.84	5.87	20.4	33.8	15.4	1982
1983	10.4	18.9	14.5	18.4	24.8	8.88	4.06	7.28	8.88	8.45	11.3	18.9	12.5	1983
1984	3.82	44.8	26.7	20.0	8.78	8.86	4.68	3.05	8.85	4.19	12.2	20.2	13.5	1984
MEAN	9.48	12.8	29.5	26.8	9.80	5.72	4.38	3.97	4.10	5.31	8.36	11.8	11.0	MEAN

LOCATION - LAT 43 11 28 N DRAINAGE AREA, 1 030 km²
LONG 80 27 17 W NATURAL FLOW

NITH RIVER NEAR CANNING - STATION NO. 02GA010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	118 ON MAR 28	0.453 ON SEP 12 *	284 000	1914
1915	---	53.8 ON APR 11	1.70 ON JUN 30	352 000	1915
1916	---	196 ON MAR 30	1.81 ON SEP 18	485 000	1916
1917	---	163 ON MAR 25	---	---	1917
1920	---	137 ON MAR 18	---	---	1920
1921	---	128 ON MAR 10	1.22 ON AUG 25	387 000	1921
1922	---	142 ON APR 12	1.73 ON OCT 5	313 000	1922
1923	---	125 ON APR 5	---	---	1923
1924	---	---	---	---	1924
1925	---	---	---	---	1925
1926	---	---	---	---	1926
1947	---	84.8 ON JUL 29	0.736 ON SEP 30	---	1947
1948	422 AT [illegible]:00 EST ON MAR 21	297 ON MAR 21	1.27 ON SEP 7	327 000	1948
1949	---	174 ON MAR 24	0.566 ON SEP 12	307 000	1949
1950	357 AT 12:00 EST ON APR 5	328 ON APR 5 *	1.70 ON AUG 21	413 000	1950
1951	---	181 ON MAR 31	1.42 ON SEP 4	403 000	1951
1952	---	110 ON MAR 22	1.64 ON SEP 14	313 000	1952
1953	---	86.6 ON JUN 18	1.70 ON SEP 7	287 000	1953
1954	428 AT 11:00 EST ON OCT 17 *	326 ON OCT 17	1.84 ON AUG 29	415 000	1954
1955	---	201 ON MAR 12	1.30 ON AUG 2	308 000	1955
1956	267 AT 24:00 EST ON APR 5	228 ON APR 5	1.81 B ON FEB 5	460 000	1956
1957	179 AT 11:00 EST ON DEC 22	142 ON DEC 22	2.12 ON AUG 5	352 000	1957
1958	---	56.1 ON MAR 28	1.33 ON AUG 18	177 000	1958
1959	---	170 ON APR 3	1.73 ON AUG 8	355 000	1959
1960	289 AT 07:00 EST ON APR 5	248 ON APR 5	1.73 B ON DEC 21	384 000	1960
1961	184 AT 23:30 EST ON FEB 23	82.7 ON FEB 25	1.67 B ON JAN 31	209 000	1961
1962	207 AT 10:00 EST ON MAR 31	167 ON MAR 31	1.47 ON JUL 13	212 000	1962
1963	292 AT 12:00 EST ON MAR 27	243 ON MAR 27	0.9408 ON DEC 14	187 000	1963
1964	91.7 AT 15:00 EST ON DEC 28	72.5 ON APR 8	1.18 ON JUL 31	194 000	1964
1965	354 AT 22:30 EST ON FEB 11	237 ON FEB 11	1.31 ON AUG 25	408 000	1965
1966	228 AT 01:00 EST ON DEC 8	152 ON DEC 8	1.38 ON JUL 25	271 000	1966
1967	294 AT 12:00 EST ON APR 4	211 ON APR 4	2.38 ON SEP 17	487 000	1967
1968	---	156 B ON FEB 3	2.11 ON JUL 30	373 000	1968
1969	199 AT 16:00 EST ON APR 8	168 ON APR 8	2.08 ON SEP 15	381 000	1969
1970	144 AT 13:07 EST ON APR 10	128 ON APR 10	1.80 B ON JAN 15	280 000	1970
1971	121 AT 04:13 EST ON APR 4	115 E ON APR 3	1.80 ON AUG 9	285 000	1971
1972	208 AT 22:16 EST ON APR 14	187 ON APR 14	2.51 ON SEP 3	373 000	1972
1973	203 AT 08:34 EST ON MAR 13	149 ON MAR 13	2.10 ON SEP 10	382 000	1973
1974	275 AT 13:38 EST ON MAR 8	240 ON MAR 8	2.16 E ON AUG 23	375 000	1974
1975	419 AT 14:38 EST ON APR 20	320 ON APR 20	2.28 ON JUL 9	418 000	1975
1976	314 AT 12:46 EST ON MAR 22	277 ON MAR 22	2.78 ON SEP 9	413 000	1976
1977	362 AT 18:02 EST ON MAR 14	309 ON MAR 14	1.89 ON JUL 28	373 000	1977
1978	226 AT 00:57 EST ON APR 13	175 ON APR 12	2.53 ON SEP 10	341 000	1978
1979	383 AT 14:51 EST ON APR 15	310 ON APR 15	2.40 ON JUL 24	414 000	1979
1980	275 AT 01:46 EST ON MAR 23	259 ON MAR 22	2.95 ON AUG 18	300 000	1980
1981	---	150 E ON FEB 25	2.20 ON JUL 17	303 000	1981
1982	377 AT 00:39 EST ON APR 2	293 ON APR 1	3.01 ON AUG 19	487 000	1982
1983	112 AT 03:52 EST ON MAY 4	83.8 ON MAY 3	2.49 ON JUL 28	395 000	1983
1984	219 AT 07:09 EST ON FEB 16	192 ON FEB 16	2.55 ON AUG 27	426 000	1984
				347 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NOLIN CREEK AT SUDBURY - STATION NO. 02CF008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	2.00	0.131	0.081	0.077	0.151	0.317	0.496	0.438R	0.203R	---	1959
1960	0.077R	0.084	0.118R	2.46 R	0.628	0.805	0.637	0.118	0.212	0.183	0.356	0.085R	0.458R	1960
1961	0.022R	0.024R	0.355R	0.404	0.154	0.309R	0.378	0.090	0.884R	0.193	0.363R	0.171R	0.282R	1961
1962	0.063	0.046	0.733	0.888	0.362R	0.098	0.062	0.157	0.127	0.178	0.139	0.139	0.238R	1962
1963	0.094	0.096	1.06 R	0.892	0.138R	0.174	0.062	0.177	0.125	0.068	0.278	0.053	0.267R	1963
1964	0.053	0.068	0.442R	1.19	0.182	0.075	0.058	0.082	0.411	0.248	0.224	0.100	0.280R	1964
1965	0.018	0.048	0.284	1.18 R	0.095	0.038	0.058	0.458R	0.803	0.281	0.209	0.390	0.303R	1965
1966	0.281R	0.249R	0.645R	0.448	0.258R	---	---	---	---	---	---	0.521	---	1966
1967	0.037	0.020	0.388	1.44	0.318	0.190	0.037	0.192R	0.133	0.302	0.587	0.323	0.331R	1967
1968	0.073	0.128	1.47	0.441	0.118	0.228	0.732R	0.410	0.784R	0.173	0.036	0.148	0.385R	1968
1969	0.141	0.058	0.821R	0.992	0.211	0.313	0.158R	0.110	0.044	0.581	0.934	0.150	0.374R	1969
1970	0.077	0.051	0.537	1.05	0.412	0.874	0.512	0.118	0.733	0.446	0.308	0.335	0.434	1970
1971	0.089	0.047	0.383	1.76	0.328	0.141	0.187	0.181	0.285	0.446	0.433	0.868	0.410	1971
1972	0.123	0.027	---	---	---	---	---	0.116	0.342	0.448	---	0.113	---	1972
1973	0.151	0.227	1.48	0.315	0.366	0.188	0.238	0.576	0.088	0.259	0.215	0.340	0.372	1973
1974	0.114	0.086	0.195	0.778	0.228	0.291	0.077	0.143	0.283	0.304	0.454	0.121	0.259	1974
1975	0.177	0.086	0.088	1.41	0.188	0.139	0.058	0.121	0.083	0.205	0.439	0.367	0.278	1975
1976	0.052	0.030	2.13	0.628	0.288	0.088	0.078	0.086	0.261	0.188	0.083	0.084	0.332	1976
1977	0.044	0.057	1.28	0.478	0.082	0.052	0.187	0.201	0.884	0.484	0.393	0.268	0.341	1977
1978	0.050	0.033	0.083	1.58	0.323	0.059	0.085	0.316	0.434	0.620	0.124	0.082	0.306	1978
1979	0.046	0.052	0.847	1.83	0.383	0.074	0.041	0.074	0.078	0.183	0.414	0.148	0.343	1979
1980	0.149	0.037	0.323	1.43	0.258	0.053	0.073	0.102	0.353	0.288	0.140	0.027	0.288	1980
1981	0.012	0.442	0.334	0.758	0.118	0.128	0.108	0.071	0.807	0.447	0.140	0.056	0.288	1981
1982	0.014	0.017	0.208	1.21	0.083	0.053	0.025	0.029	0.281	0.488	0.328	0.522	0.271	1982
1983	0.120	0.026	0.484	0.788	0.508	0.194	0.027	0.088	0.237	0.501	0.180	0.049	0.268	1983
1984	0.021	0.351	0.382	0.385	0.154	0.408	0.089	0.177	0.320	0.293	0.488	0.276	0.278	1984
MEAN	0.084R	0.095R	0.827R	1.06 R	0.252R	0.194R	0.168R	0.163R	0.342R	0.317	0.320R	0.218R	0.318	MEAN

LOCATION - LAT 46 29 51 N
LONG 81 00 26 W
DRAINAGE AREA, 21.5 km^2
REGULATED SINCE 1966

R - REVISED SINCE JAN 1980

NOLIN CREEK AT SUDBURY - STATION NO. 02CF005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	4.67 ON APR 8	---	---	1959
1960	---	5.38 ON APR 14	0.017RB ON DEC 31	14 500R	1960
1961	16.4 R AT 11:30 EST ON SEP 14	5.63 ON SEP 14	0.011RB ON JAN 24	8 270R	1961
1962	10.9 R AT 22:30 EST ON AUG 26	4.84 ON MAR 29	0.025 ON JUN 16	7 410R	1962
1963	19.9 R AT 17:00 EST ON MAR 30 *	11.2 ON MAR 30 *	0.030 ON DEC 31	8 430R	1963
1964	9.03R AT 19:00 EST ON APR 12	5.92 ON APR 13	0.003 ON DEC 7	8 210R	1964
1965	12.9 R AT 03:30 EST ON SEP 10	3.17RE ON APR 12	0.006 ON JAN 15	9 580R	1965
1966	---	---	---	---	1966
1967	6.87 AT 18:00 EST ON APR 1	5.21 ON APR 1	0.014 ON SEP 11	10 400R	1967
1968	10.6 AT 01:00 EST ON JUL 22	4.79 ON JUL 22	0.014B ON JAN 28	12 500R	1968
1969	7.89 AT 10:15 EST ON OCT 13	3.65 ON NOV 2	0.014B ON JAN 3	11 800R	1969
1970	12.8 AT 10:00 EST ON SEP 26	4.76 ON JUN 2	0.023 ON JUN 28	13 800	1970
1971	10.8 AT 21:33 EST ON DEC 10	3.88 ON APR 12	0.021 ON JUL 12	12 800	1971
1972	---	---	---	---	1972
1973	8.80 AT 22:01 EST ON JUL 30	3.34 ON JUL 31	0.022 ON JUL 24	11 700	1973
1974	10.8 AT 23:55 EST ON OCT 31	3.77 ON NOV 1	0.026 ON JUL 6	8 090	1974
1975	8.47 AT 06:42 EST ON NOV 30	5.46 ON APR 18	0.008 ON SEP 3	8 710	1975
1976	8.23E AT 11:18 EST ON MAR 27	8.27 ON MAR 22	0.017 ON JUN 4	10 500	1976
1977	---	4.45 ON MAR 17	0.011 ON JUN 11	10 700	1977
1978	7.14 AT 20:53 EST ON AUG 23	2.92 ON APR 18	0.026B ON FEB 24	9 630	1978
1979	8.92 AT 19:38 EST ON APR 26	4.28 ON APR 14	0.017 ON JUL 5	10 800	1979
1980	9.15 AT 00:26 EST ON APR 9	5.87 ON APR 9	0.013B ON DEC 29	8 480	1980
1981	11.7 AT 01:43 EST ON SEP 10	3.03 ON SEP 10	0.004 ON AUG 28	8 360	1981
1982	9.01 AT 08:31 EST ON OCT 7	2.68 ON OCT 7	0.003 ON AUG 20	8 550	1982
1983	8.07 AT 17:00 EST ON JUN 4	2.20B ON MAR 9	0 ON JUL 10 *	8 330	1983
1984	8.92 AT 03:09 EST ON SEP 13	2.48 ON SEP 13	0.002 ON AUG 4	8 780	1984
				10 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

NORBERG CREEK (SITE A) ABOVE BATCHAWANA RIVER - STATION NO. 02BF005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	0.097R	0.092R	0.316R	0.214R	0.178R	0.170R	---	1980
1981	0.083	0.083	0.310	1.20	0.312	0.746	0.138	0.056	0.025	0.111	0.134	0.102	0.276	1981
1982	0.100R	0.077R	0.077R	0.773R	0.841R	0.074R	0.038R	0.015R	0.180R	0.717R	0.580R	0.364R	0.331R	1982
1983	0.238	0.083	0.283	0.679	0.533	0.321	0.056	0.030	0.052	0.321	0.322	0.231	0.263	1983
1984	0.111	0.115	0.123	0.880	0.392	0.085	0.081	0.058	0.151	0.348	0.868	0.412	0.285	1984
MEAN	0.133R	0.092R	0.198R	0.686R	0.545R	0.307R	0.082R	0.050R	0.147R	0.342R	0.378R	0.257R	0.289	MEAN

LOCATION - LAT 47 04 08 N
LONG 84 26 07 W
DRAINAGE AREA, 11.5 km^2
NATURAL FLOW

R - REVISED SINCE JAN 1980

REMARKS - DAILY DATA FOR 1982 REVISED IN SEP 1983.

NORBERG CREEK (SITE A) ABOVE BATCHAWANA RIVER - STATION NO. 02BF005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	0.039R ON AUG 4	---	1980
1981	3.14 AT 03:26 EST ON JUN 15	2.79 ON APR 4 *	0.013 ON SEP 7	8 670	1981
1982	3.65R AT 13:01 EST ON OCT 20 *	2.42R ON MAY 3	0.003R ON AUG 19	10 400R	1982
1983	3.56 AT 13:44 EST ON APR 14	1.94 ON APR 15	0.002 ON AUG 31 *	8 290	1983
1984	2.98 AT 12:59 EST ON NOV 1	2.14 ON APR 15	0.026 ON AUG 31	9 030	1984
				9 100R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

NORBERG CREEK (SITE B) AT OUTLET OF TURKEY LAKE - STATION NO. 02BF006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	---	---	---	0.207R	---	1978
1980	0.103	0.075	0.068	0.617	0.175	0.182	0.084	0.058	0.305	0.309	0.182	0.132	0.190	1980
1981	0.081	0.080	0.218	0.857	0.288	0.556	0.113	0.037	0.018	0.101	0.121	0.089	0.219	1981
1982	0.083	0.090	0.088	0.541	0.751	0.047	0.031	0.018	0.142	0.537	0.424	0.266	0.248	1982
1983	0.181	0.070	0.187	0.473	0.417	0.280	0.061	0.024	0.044	0.244	0.257	0.186	0.186	1983
1984	0.084	0.088	0.101	0.628	0.311	0.070	0.058	0.037	0.110	0.268	0.492	0.302	0.212	1984
MEAN	0.106	0.075	0.127	0.643	0.384	0.323	0.088	0.038	0.124	0.292	0.291	0.197R	0.213	MEAN

LOCATION - LAT 47 03 04 N
LONG 84 24 48 W
DRAINAGE AREA, 8.64 km^2
NATURAL FLOW

R - REVISED SINCE JAN 1980

NORBERG CREEK (SITE B) AT OUTLET OF TURKEY LAKE - STATION NO. 02BF006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	---	---	1979
1980	1.78 AT 05:08 EST ON APR 10	1.70 ON APR 10	0.040 ON AUG 6	6 010	1980
1981	---	2.05 ON APR 5 *	0.008 ON SEP 5	6 500	1981
1982	2.05 AT 22:35 EST ON MAY 3 *	2.02 ON MAY 3	0.008 ON AUG 21	7 820	1982
1983	1.84 AT 04:17 EST ON APR 16	1.59 ON APR 18	0 ON SEP 3 *	6 280	1983
1984	1.65 AT 00:52 EST ON APR 17	1.61 ON APR 17	0.014 ON AUG 21	6 710	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		6 740	MEAN

NORBERG CREEK (SITE C) AT OUTLET OF LITTLE TURKEY LAKE - STATION NO. 02BF007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	0.078	0.029	0.002	0.058	0.067	0.047	---	1981
1982	0.031	0.025	0.048	0.405	0.452	0.035	0.024	0.011	0.103	0.311	0.251	0.178	0.156	1982
1983	0.083	0.035	0.127	0.318	0.261	0.183	0.024	0.014	0.034	0.234	0.242	0.128	0.141	1983
1984	0.042	0.059	0.054	0.456	0.228	0.039	0.030	0.024	0.091	0.192	0.295	0.201	0.142	1984
MEAN	0.055	0.040	0.075	0.393	0.314	0.086	0.038	0.020	0.058	0.199	0.214	0.138	0.145	MEAN

LOCATION - LAT 47 02 41 N DRAINAGE AREA, 5.40 km^2
LONG 84 24 44 W NATURAL FLOW

NORBERG CREEK (SITE C) AT OUTLET OF LITTLE TURKEY LAKE - STATION NO. 02BF007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	0 ON SEP 15 *	---	1981
1982	1.57 AT 07:23 EST ON OCT 21	1.45 ON MAY 2 *	0.002 ON AUG 19	4 830	1982
1983	1.58 AT 18:46 EST ON APR 15 *	1.42 ON APR 15	0.001 ON SEP 2	4 480	1983
1984	1.22 AT 11:07 EST ON APR 16	1.19 ON APR 18	0.011 ON AUG 21	4 500	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		4 630	MEAN

NORBERG CREEK (SITE D) BELOW WISHART LAKE - STATION NO. 02BF008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	0.028R	0.038R	0.130R	0.070R	0.050R	0.035R	---	1980
1981	0.021	0.028	0.137	0.424	0.100	0.230	0.042	0.013	0.007	0.043	0.042	0.014	0.091	1981
1982	0.015	0.011	0.018	0.283	0.272	0.012	0.007	0.004	0.068	0.200	0.145	0.078	0.081	1982
1983	0.053	0.013	0.086	0.223	0.174	0.088	0.010	0.009	0.017	0.115	0.105	0.044	0.078	1983
1984	0.024	0.033	0.033	0.288	0.098	0.019	0.023	0.017	0.072	0.120	0.179	0.119	0.085	1984
MEAN	0.028	0.021	0.069	0.300	0.161	0.087	0.022R	0.018R	0.059R	0.110R	0.104R	0.058R	0.068	MEAN

LOCATION - LAT 47 02 48 N DRAINAGE AREA, 4.08 km^2
LONG 84 24 14 W NATURAL FLOW

R - REVISED SINCE JAN 1980

NORBERG CREEK (SITE D) BELOW WISHART LAKE - STATION NO. 02BF008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	1.87E AT 13:00 EST ON JUN 15 *	1.48 ON MAR 30 *	0.004 ON SEP 23	2 880	1981
1982	1.86 AT 16:33 EST ON OCT 20	0.582 ON APR 28	0.003 ON AUG 3	2 880	1982
1983	1.58 AT 23:38 EST ON APR 14	1.05 ON APR 15	0.002 ON SEP 1 *	2 470	1983
1984	1.28 AT 17:02 EST ON NOV 1	0.785 ON APR 18	0.012 ON SEP 4	2 590	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 730	MEAN

E - ESTIMATED

NORBERG CREEK (SITE E) BELOW BATCHAWANA LAKE - STATION NO. 02BF009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	0.102	0.204	0.042	0.119	0.008	0.007	0.001	0.033	0.032	0.015	---	1981
1982	0.013	0.008	0.017	0.211	0.219	0.008	0.004	0.001	0.080	0.148	0.107	0.062	0.072	1982
1983	0.018	0.011	0.052	0.188	0.116	0.040	0.007	0.004	0.018	0.081	0.088	0.038	0.051	1983
1984	0.014	0.034	0.022	0.181	0.083	0.017	0.020	0.010	0.062	0.084	0.105	0.080	0.053	1984
MEAN	0.015	0.018	0.048	0.186	0.107	0.045	0.010	0.005	0.035	0.085	0.078	0.041	0.058	MEAN

LOCATION - LAT 47 03 38 N DRAINAGE AREA, 2.14 km^2
LONG 84 23 55 W NATURAL FLOW

NORBERG CREEK (SITE E) BELOW BATCHAWANA LAKE - STATION NO. 02BF009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	2.18 AT 01:00 EST ON MAR 30	1.21 ON MAR 30	0 ON JUL 23 *	---	1981
1982	2.80 AT 13:30 EST ON OCT 20	1.21 ON OCT 20	0 ON AUG 1	2 280	1982
1983	3.36 AT 13:50 EST ON APR 14 *	1.32 ON APR 14 *	0 ON JUL 28	1 610	1983
1984	---	0.927E ON OCT 28	0.002 ON AUG 20	1 680	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 650	MEAN

E - ESTIMATED

NORBERG CREEK (SITE F) AT OUTLET OF BATCHAWANA LAKE - STATION NO. 02BF012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	---	0.043R	0.033R	0.023R	---	1982
1983	0.011	0.005	0.022	0.053	0.041	0.018	0.004	0.002	0.008	0.034	0.028	0.014	0.020	1983
1984	0.008	0.015	0.013	0.088	0.025	0.005	0.008	0.008	0.033	0.034	0.047	0.034	0.026	1984
MEAN	0.010	0.010	0.018	0.071	0.033	0.011	0.008	0.004	0.021	0.037R	0.036R	0.024R	0.023	MEAN

LOCATION - LAT 47 03 47 N LONG 84 23 38 W
DRAINAGE AREA, 1.15 km^2
NATURAL FLOW

R - REVISED SINCE JAN 1980

NORBERG CREEK (SITE F) AT OUTLET OF BATCHAWANA LAKE - STATION NO. 02BF012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	0.638R AT 12:15 EST ON OCT 20 *	0.317R ON OCT 20 *	---	---	1982
1983	0.566 AT 18:20 EST ON APR 14	0.293 ON APR 14	0 ON SEP 1 *	626	1983
1984	0.588 AT 02:34 EST ON OCT 28	0.306 ON OCT 28	0E ON JUN 13	826	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		726	MEAN

E - ESTIMATED
R - REVISED SINCE JAN 1980

NORDIC MINE TAILINGS DITCH (SITE 1) NEAR ELLIOT LAKE - STATION NO 02CD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	---	---	0.012	0.020	---	---	---	1984
MEAN	---	---	---	---	---	---	---	---	0.012	0.020	---	---	---	MEAN

LOCATION - LAT 46 23 15 N LONG 82 34 57 W
DRAINAGE AREA, 2.09 km^2
NATURAL FLOW

REMARKS - SEASONAL OPERATION (APR-NOV)

NORDIC MINE TAILINGS DITCH (SITE 2) NEAR ELLIOT LAKE - STATION NO. 02CD009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	0.015	---	---	---	0.012	0.003	---	---	---	1984
MEAN	---	---	---	---	0.015	---	---	---	0.012	0.003	---	---	---	MEAN

LOCATION - LAT 46 23 13 N LONG 82 34 19 W
DRAINAGE AREA, 2.76 km^2
NATURAL FLOW

REMARKS - SEASONAL OPERATION (APR-NOV)

NORDIC MINE TAILINGS DITCH (SITE 3) NEAR ELLIOT LAKE - STATION NO. 02CD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	0.045	0.044	0.028	0.034	0.042	0.037	---	---	---	1984
MEAN	---	---	---	---	0.045	0.044	0.028	0.034	0.042	0.037	---	---	---	MEAN

LOCATION - LAT 46 22 55 N LONG 82 34 46 W
DRAINAGE AREA, 3.01 km^2
NATURAL FLOW

REMARKS - SEASONAL OPERATION (APR-NOV)

NORTH BRANCH MUSKOKA RIVER AT PORT SYDNEY - STATION NO. 02EB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	10.5	8.27	7.08	23.3	18.0	19.3	---	1915
1916	32.6	31.2	18.2	80.7	48.5	28.3	9.24	5.80	3.84	18.7	25.3	50.3	28.8	1916
1917	18.7	5.62	8.78	81.6	43.3	25.4	36.3	9.77	5.25	8.05	13.5	13.3	23.2	1917
1918	8.51	7.19	19.9	58.9	36.3	12.7	7.45	6.07	5.33	28.7	26.1	33.0	20.8	1918
1919	24.4	17.3	33.2	71.7	46.5	18.8	9.26	5.95	10.5	32.7	49.8	39.9	29.5	1919
1920	12.2	7.00	30.5	82.3	27.4	11.6	8.03	3.02	8.48	9.37	18.2	34.6	19.2	1920
1921	25.4	10.8	88.7	89.8	27.1	9.57	4.83	4.17	4.12	4.88	5.85	28.7	22.1	1921
1922	17.0	7.05	15.2	99.3	27.6	8.89	11.2	8.12	5.73	5.52	10.7	11.8	19.0	1922
1923	10.4	8.88	18.5	63.4	76.8	24.8	5.85	5.07	5.25	4.20	13.6	28.0	21.8	1923
1924	20.0	13.2	22.1	84.8	57.9	18.7	11.1	4.01	3.74	6.91	4.28	18.0	20.0	1924
1925	8.52	18.7	32.3	74.7	26.9	18.1	9.24	4.52	5.36	5.80	23.0	17.5	20.1	1925
1926	9.18	8.81	16.4	29.1	89.6	25.4	18.3	9.95	10.3	12.2	87.3	31.1	28.1	1926
1927	15.2	14.7	26.6	40.8	36.1	25.7	21.4	8.97	7.84	15.8	30.2	30.9	24.3	1927
1928	23.1	16.5	26.1	137	52.7	17.7	21.8	19.0	23.2	65.3	48.7	35.0	40.3	1928
1929	33.9	27.6	54.5	115	70.3	18.7	8.06	9.78	5.97	3.81R	6.77R	5.46R	28.8R	1929
1930	11.5 R	16.1 R	27.1 R	84.4R	56.7 R	24.8 R	9.15R	8.24R	5.98 R	8.68R	12.7 R	8.32R	20.8R	1930
1931	2.88R	8.46R	14.4 R	54.4R	32.7 R	4.20R	1.80R	1.31R	0.547R	2.32R	18.0 R	20.6 R	13.8R	1931
1932	32.1 R	29.0 R	23.2 R	86.5R	26.9 R	12.6 R	11.6 R	7.03R	27.7 R	32.8 R	44.1 R	22.7 R	27.9R	1932
1933	25.8 R	14.9 R	14.9 R	91.3R	26.5 R	12.9 R	11.3 R	4.78R	2.61 R	5.53	7.15	12.3	19.9R	1933
1934	7.84	6.91	17.2	72.5	48.5	10.9	5.97	5.75	4.84	4.47	24.2	19.0	19.0	1934
1935	12.2	8.52	31.1	46.2	20.3	30.6	18.3	6.62	4.79	12.7	28.3	19.5	19.6	1935
1936	10.9	10.9	27.2	58.9	65.0	27.0	9.35	4.25	8.64	16.6	23.2	15.8	23.1	1936
1937	63.3	27.6	20.0	70.1	45.9	14.8	10.0	7.33	7.95	19.2	48.2	17.9	29.3	1937
1938	12.3	18.1	46.6	88.6	31.4	18.4	5.88	4.77	16.5	13.3	18.5	15.6	24.3	1938
1939	17.8	13.4	13.9	85.0	80.8	12.8	5.78	5.37	8.85	6.83	15.7	7.91	21.3	1939
1940	7.59	5.55	6.69	36.0	57.3	19.6	7.10	8.23	24.9	19.1	33.5	22.2	20.6	1940
1941	20.1	11.6	10.6	85.3	21.8	9.04	4.45	4.01	4.45	10.4	44.5	21.8	20.9	1941
1942	17.5	10.5	32.2	81.8	38.7	15.6	7.76	6.32	11.6	23.0	43.3	17.3	25.5	1942
1943	13.1	13.2	16.3	61.6	107	22.6	10.1	6.91	5.69	6.47	12.4	9.13	23.9	1943
1944	6.96	8.85	7.61	47.6	39.9	10.2	7.63	5.83	4.75	19.0	16.9	14.0	15.9	1944
1945	8.45	6.83	61.3	51.9	33.8	32.7	9.94	6.53	6.94	15.1	25.4	12.5	22.8	1945
1946	24.8	17.0	61.5	36.3	30.3	14.0	5.30	4.11	4.67	4.78	16.4	27.1	20.6	1946
1947	16.5	17.2	16.9	104	82.8	32.9	18.5	10.1	6.42	8.28	9.99	13.0 R	28.0R	1947
1948	8.43R	8.11R	41.7 R	84.7	40.8	13.6	7.63	5.30	4.91	5.28	32.9	22.6	23.0R	1948
1949	20.5	19.7	35.1	98.2	26.5	15.6	11.0	5.57	4.44	7.19	8.48	26.8	22.9	1949
1950	51.1	24.0	18.5	88.7	28.3	13.9	7.45	7.93	7.48	5.11	18.1	20.7	21.1	1950
1951	18.0	11.1 R	28.1	131	35.4	9.84	11.3	7.17	7.39	23.2	53.8	32.8	30.7R	1951
1952	28.0	18.8	15.8	87.1	27.8	14.8	8.77	6.99	12.9	8.24	16.0	31.4	23.1	1952
1953	19.1	17.5	50.6	50.5	25.9	12.9	6.16	6.02	5.96	6.76	8.15	14.8	18.5	1953
1954	12.8	13.5	38.3	70.9	31.8	24.9	7.80	7.81	8.62	49.1 R	24.0 R	20.8 R	26.2R	1954
1955	15.4 R	13.0 R	15.2 R	84.0R	15.1 R	7.98R	8.08R	8.82R	4.06 R	4.77	22.1	10.6	17.0R	1955
1956	7.90	9.11	12.2	38.8	62.2	25.7	15.9	8.53	21.6	17.6	19.9	20.1	21.6	1956
1957	16.3	15.6	21.4	61.6	20.6	18.6	44.7	6.49	24.7	17.9	48.7	51.3	27.3	1957
1958	26.5	15.2	15.0	39.0R	7.82R	9.81R	13.6 R	8.19R	11.1 R	12.7 R	17.0 R	12.3 R	15.6R	1958
1959	11.3 R	17.0 R	18.9 R	82.4R	60.0 R	14.1 R	7.71R	12.2 R	12.9 R	18.9	46.3	31.4	27.5R	1959
1960	15.2	15.3	14.6	103	59.5	17.7	19.7	11.3	10.1	7.84	25.3	15.2	26.2	1960
1961	10.4	8.02	15.6	58.0	29.5	10.3	18.0	10.7	10.6	8.68	7.61	18.0	18.6	1961
1962	11.3	18.9	11.2	57.9	28.2	8.38	4.28	5.62	4.90	5.55	7.04	8.31	14.0	1962
1963	9.61	8.54	13.2	53.6	42.9	13.0	5.58	7.97	9.21	7.44	13.2	14.3	18.4	1963
1964	12.6	15.5	20.9	39.5	23.6	8.33	3.40	4.73	8.54	11.6	10.8	25.6	15.3	1964
1965	21.0	18.8	19.7	57.2	54.2	7.82	5.82	8.88	21.2	51.2	38.5	41.6	29.0	1965
1966	29.2	18.6	29.7	43.5	27.7	19.2	5.64	4.52	6.44	11.3	44.4	59.8	25.1	1966
1967	21.2	24.1	18.7	76.9	23.6	25.4	15.8	10.7	10.7	29.6	63.0	31.5	29.7	1967
1968	20.3	28.5	25.2	51.8	13.5	12.5	11.6	10.3	18.2	12.1	13.3	21.8	19.5	1968
1969	16.9	17.6	23.2	84.8	49.6	20.3	10.8	9.62	11.2	15.8	44.6	24.8	25.7	1969
1970	14.1	13.8	13.9	80.0	46.7	13.0	38.1	13.0	13.3	25.6	28.1	32.4	25.7	1970
1971	17.6	16.3	25.3	77.2	46.0	12.6	7.79	8.81	7.72	6.75	8.99	21.5	21.4	1971
1972	17.9	20.0	16.6	85.7	70.7	24.3	18.9	24.1	15.6	26.7	31.8	18.7	29.3	1972
1973	27.8	29.2	85.9	70.8	38.6	38.1	14.3	15.7	10.0	14.4	19.8	27.7	31.1	1973
1974	18.3	25.9	29.9	87.2	57.3	16.3	7.62	10.2	8.92	31.8	41.8	21.5	29.8	1974
1975	17.5	17.1	30.6	58.1	54.2	8.33	8.18	7.20	12.1	13.7	14.3	38.4	22.7	1975
1976	18.3	20.2	49.2	84.4	27.3	10.4	11.2	7.08	7.93	8.08	7.55	19.0	23.2	1976
1977	9.85	9.36	40.9	89.7	15.9	6.10	5.57	6.28	18.2	38.7	35.2	31.5	23.6	1977
1978	20.7	13.6	12.9	57.1	55.2	12.8	8.02	8.64	19.8	21.2	22.8	20.8	22.8	1978
1979	20.6	15.6	48.8	84.5	44.3	17.8	7.19	8.15	13.1	26.3	36.2	35.1	29.9	1979
1980	21.4	15.6	24.6	106	23.4	25.9	15.4	15.6	25.1	33.6	38.2	26.7	31.6	1980
1981	16.4	34.5	40.9	53.5	28.6	14.6	10.5	10.6	87.1	40.9	21.5	23.2	31.7	1981
1982	19.5	15.6	20.9	83.9	37.2	19.7	10.4	8.33	15.3	21.2	38.1	56.1	28.0	1982
1983	41.4	22.8	37.3	38.6	85.5	20.6	5.76	2.77	11.5	17.9	18.6	22.2	25.6	1983
1984	18.6	38.1	32.1	73.6	44.3	22.0	15.4	8.16	14.6	13.7	27.4	29.5	28.2	1984
MEAN	18.5 R	15.8 R	28.7 R	69.7R	42.3 R	17.1 R	11.1 R	7.81R	11.2 R	16.3 R	26.3 R	23.6 R	23.8	MEAN

LOCATION - LAT 45 12 45 N DRAINAGE AREA, 1 390 km²
LONG 79 18 30 W REGULATED

R - REVISED SINCE JAN 1980

NORTH BRANCH MUSKOKA RIVER AT PORT SYDNEY - STATION NO. 02EB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	123 ON APR 22	1.50 ON SEP 10	914 000	1916
1917	---	136 ON APR 26	2.24 ON SEP 27	733 000	1917
1918	---	88.9 ON APR 8	2.55 ON JUL 25	852 000	1918
1919	---	97.1 ON APR 18	2.83 ON AUG 2	931 000	1919
1920	---	114 ON APR 2	1.27 ON FEB 29	809 000	1920
1921	---	149 ON MAR 28	0.386 ON MAY 21	698 000	1921
1922	---	157 ON APR 18	3.91 ON SEP 29	598 000	1922
1923	---	133 ON MAY 1	3.06 ON NOV 17	689 000	1923
1924	---	81.6 ON MAY 10	0.198 ON JUN 21	632 000	1924
1925	---	97.1 ON APR 7	2.27 B ON JAN 10	835 000	1925
1926	---	145 ON MAY 6	5.04 ON JAN 1	885 000	1926
1927	---	71.6 ON APR 22	4.30 ON AUG 20	765 000	1927
1928	---	228 ON APR 13 *	3.48 ON JUN 5	1 280 000	1928
1929	---	156 ON APR 14	2.89 R ON OCT 18	939 000R	1929
1930	---	122 R ON APR 22	2.21 R ON OCT 17	858 000R	1930
1931	---	109 R ON APR 19	0.142R ON SEP 15 *	428 000R	1931
1932	---	97.7R ON APR 13	0.312R ON DEC 1	883 000R	1932
1933	---	149 R ON APR 21	1.70 R ON SEP 21	828 000R	1933
1934	---	108 ON APR 25	4.47 E ON OCT 1	800 000	1934
1935	---	73.9 ON APR 18	4.08 ON SEP 27	624 000	1935
1936	---	128 ON MAY 6	2.78 ON SEP 25	732 000	1936
1937	---	105 ON APR 25	2.04 ON JUN 30	825 000	1937
1938	---	145 ON APR 1	2.92 ON AUG 16	745 000	1938
1939	---	161 ON MAY 1	2.48 ON OCT 21	672 000	1939
1940	---	98.0 ON MAY 29	4.81 ON FEB 21	856 000	1940
1941	---	150 ON APR 21	2.35 ON OCT 1	858 000	1941
1942	---	118 ON APR 7	2.44 ON SEP 4	805 000	1942
1943	---	159 ON MAY 3	1.73 ON NOV 3	752 000	1943
1944	---	105 ON APR 28	3.82 ON SEP 27	503 000	1944
1945	---	128 ON MAR 24	5.10 ON SEP 1	718 000	1945
1946	---	107 ON MAR 23	1.84 ON AUG 10	849 000	1946
1947	---	162 ON APR 16	5.66 ON NOV 5	884 000R	1947
1948	---	118 ON MAR 28	3.68 ON OCT 8	729 000R	1948
1949	---	114 ON APR 5	3.68 ON NOV 8	724 000	1949
1950	---	72.5 ON APR 6	3.91 ON AUG 11	667 000	1950
1951	---	162 ON APR 16	5.66 ON AUG 13	867 000R	1951
1952	---	121 ON APR 23	5.18 ON JUL 8	731 000	1952
1953	---	121 ON MAR 29	3.03 ON JUL 4	585 000	1953
1954	---	128 ON APR 18	5.86 ON JUL 10	826 000R	1954
1955	---	145 R ON APR 20	0.481 ON OCT 11	536 000R	1955
1956	---	151 ON MAY 15	0.934 ON JUN 14	685 000	1956
1957	---	148 ON JUL 5	3.17 ON OCT 17	860 000	1957
1958	---	61.2R ON APR 23	3.65 R ON MAY 31	493 000R	1958
1959	---	138 R ON APR 27	4.13 R ON JUL 10	869 000R	1959
1960	---	154 ON APR 23	5.07 ON JUN 17	829 000	1960
1961	---	104 ON APR 29	3.23 ON JUN 18	528 000	1961
1962	---	82.7 ON APR 25	3.09 ON SEP 11	440 000	1962
1963	---	104 ON APR 6	4.47 ON JUL 4	519 000	1963
1964	---	86.1 ON APR 17	3.11 ON JUL 1	482 000	1964
1965	---	116 ON MAY 4	3.40 ON JUL 2	912 000	1965
1966	---	102 ON NOV 30	2.75 ON AUG 2	782 000	1966
1967	---	114 ON NOV 5	6.89 ON SEP 25	938 000	1967
1968	---	98.3 ON APR 8	7.22 ON AUG 28	817 000	1968
1969	---	102 ON APR 18	8.23 ON JUL 18	812 000	1969
1970	---	128 ON APR 28	5.03 ON JUN 11	810 000	1970
1971	---	147 ON APR 26	5.68 ON AUG 22	874 000	1971
1972	---	126 ON APR 26	8.21 ON SEP 28	928 000	1972
1973	---	117 ON APR 6	5.99 ON JUL 28	981 000	1973
1974	---	157 ON APR 20	4.81 ON JUL 20	940 000	1974
1975	---	145 ON MAY 1	4.59 ON JUN 3	715 000	1975
1976	---	166 ON APR 5	2.97 ON AUG 4	733 000	1976
1977	---	110 ON APR 6	3.51 ON AUG 28	746 000	1977
1978	---	112 ON MAY 1	4.46 ON AUG 15	720 000	1978
1979	---	130 ON APR 3	4.37 ON JUL 19	944 000	1979
1980	---	186 ON APR 15	7.93 ON AUG 21	1 000 000	1980
1981	---	163 ON SEP 6	5.65 ON APR 19	1 000 000	1981
1982	---	144 ON APR 23	7.38 ON JUL 10	915 000	1982
1983	---	122 ON MAY 10	2.41 ON AUG 21	808 000	1983
1984	---	106 ON MAY 25	4.95 ON AUG 11	891 000	1984
				751 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

NORTH BRANCH MUSKOKA RIVER NEAR PORT SYDNEY - STATION NO. 02EB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	---	---	---	---	---	---	8.47	8.85	9.20	7.75	16.3	8.85	---	1939
1940	7.82	8.31	7.21	36.8	58.0	20.8	7.86	8.80	33.3	18.8	31.5	22.1	20.7	1940
1941	19.8	11.7	11.1	89.6	22.3	8.59	5.05	4.85	8.14	10.8	42.7	23.2	21.2	1941
1942	17.6	11.3	31.2	78.5	39.8	18.7	7.82	8.68	11.4	21.5	42.2	17.8	25.3	1942
1943	13.5	13.8	16.4	82.7	107	23.3	10.7	7.26	7.05	8.94	12.8	10.1	24.3	1943
1944	7.83	9.40	8.59	48.2	38.7	11.0	8.09	8.36	8.33	18.4	19.8	14.5	16.4	1944
1945	9.80	8.88	83.0	83.1	33.9	31.2	9.33	5.12	5.88	15.0	25.7	13.8	22.7	1945
1946	24.5	17.2	82.0	38.2	31.9	14.0	5.37	4.39	4.43	4.51	14.9	26.7	20.7	1946
1947	19.5	17.8	17.9	108	84.8	31.7	18.5	9.88	8.26	8.80	10.1	13.1	28.5	1947
1948	9.49	8.13	41.6	86.8	62.1	16.0	7.93	5.63	4.89	5.18	31.5	23.0	23.3	1948
1949	22.0	21.8	36.0	99.7	27.3	15.8	11.2	5.78	4.56	8.48	8.28	28.4	23.5	1949
1950	50.4	25.6	16.2	56.3	28.8	16.7	7.54	8.18	7.48	5.28	16.9	21.7	21.5	1950
1951	18.6	11.3	28.9	132	36.7	10.8	11.4	7.38	7.67	23.4	53.7	34.6	31.3	1951
1952	28.5	19.4	16.6	89.8	28.8	16.3	9.53	7.74	12.9	8.27	18.1	31.8	23.9	1952
1953	19.3	17.8	52.8	52.1	27.1	13.6	8.50	8.25	8.19	7.00	8.42	16.1	18.2	1953
1954	12.9	14.2	38.6	71.8	33.5	25.7	7.87	7.77	9.48	50.1	29.8	22.8	27.1	1954
1955	16.8	13.4	16.7	86.5	16.7	8.34	6.58	7.23	4.38	5.09	22.8	10.9	17.9	1955
1956	8.14	8.38	12.6	39.5	82.9	26.6	17.6	9.43	21.8	18.0	20.0	21.5	22.3	1956
1957	17.3	17.9	22.6	42.8	22.4	20.9	45.6	4.88	25.5	20.0	48.7	52.9	28.5	1957
1958	27.6	15.6	16.2	40.3	8.26	10.2	14.0	8.06	11.0	13.5	17.7	13.0	16.3	1958
1959	11.5	17.3	17.9	83.7	59.4	14.9	8.16	13.3	13.4	19.6	47.2	32.9	26.2	1959
1960	16.9	16.2	14.3	104	82.6	18.8	20.6	12.1	8.87	7.85	28.6	16.2	27.1	1960
1961	10.6	8.68	17.8	58.9	31.3	11.4	16.2	11.2	10.6	7.11	8.38	17.7	17.6	1961
1962	11.9	17.9	12.3	82.0	31.0	8.71	4.78	5.87	4.88	---	---	---	---	1962
MEAN	17.6	14.3	25.2	70.6	40.6	15.8	11.4	7.63	9.71	13.6	24.8	21.3	23.1	MEAN

LOCATION - LAT 45 10 58 N DRAINAGE AREA, 1 440 km²
LONG 79 16 34 W REGULATED

NORTH BRANCH MUSKOKA RIVER NEAR PORT SYDNEY - STATION NO. 02EB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1939	---	---	---	---	1939
1940	---	94.3 ON MAY 6	4.36 ON JUL 30	655 000	1940
1941	---	159 ON APR 21	3.67 ON SEP 29	669 000	1941
1942	---	114 ON APR 8	2.69 ON SEP 6	796 000	1942
1943	---	188 ON MAY 4 *	2.55 ON NOV 6	787 000	1943
1944	---	102 ON APR 27	4.30 ON SEP 6	519 000	1944
1945	---	127 ON MAR 23	4.22 ON SEP 3	718 000	1945
1946	---	106 ON MAR 23	1.67 ON AUG 11	654 000	1946
1947	---	184 ON APR 17	4.38 ON OCT 27	898 000	1947
1948	---	122 ON APR 12	3.17 ON OCT 8	737 000	1948
1949	---	118 ON APR 6	2.10 ON OCT 25	742 000	1949
1950	---	72.8 ON APR 5	3.88 ON AUG 21	679 000	1950
1951	---	184 ON APR 16	5.89 ON AUG 15	847 000	1951
1952	---	127 ON APR 24	8.12 ON AUG 13	756 000	1952
1953	---	123 ON MAR 29	3.82 ON JUL 5	805 000	1953
1954	---	128 ON APR 18	6.03 ON JUL 10	883 000	1954
1955	---	150 ON APR 20	0.481 ON OCT 12 *	883 000	1955
1956	---	153 ON MAY 15	2.29 ON JUN 14	705 000	1956
1957	---	149 ON JUL 5	3.98 ON AUG 13	898 000	1957
1958	---	81.4 ON APR 23	4.02 ON MAY 31	814 000	1958
1959	---	140 ON APR 26	4.30 ON JUL 10	890 000	1959
1960	- -	155 ON APR 22	8.26 ON JUN 17	858 000	1960
1961	---	112 ON APR 28	4.11 ON JUN 18	653 000	1961
1962	---	86.7 ON APR 25	---	---	1962
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		726 000	MEAN

NORTH BRANCH SOUTH NATION RIVER NEAR HECKSTON - STATION NO. 02LB017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	2.11	1.38	1.51	8.33	0.598	0.078	0.005	0.003	0.001	0.004	0.037	0.082	1.00	1978
1979	0.241	0.214	3.77	2.21	0.424	0.107	0.025	0.004	0.134	0.248	0.838	1.34	0.808	1979
1980	0.448	0.023	2.88	2.85	0.775	0.075	0.047	0.030	0.045	0.505	1.02	1.18	0.828	1980
1981	0.208	3.72	1.00	0.735	0.741	0.806	0.088	0.713	1.74	1.45	1.34	0.478	1.08	1981
1982	0.480	0.248	2.15	4.02	0.278	0.315	0.119	0.374	0.261	0.387	1.11	1.47	0.922	1982
1983	0.548	0.620	2.58	2.82	1.75	0.178	0.015	0.003	0	0.005	1.05	1.83	0.935	1983
1984	0.398	1.88	1.43	4.89	1.13	0.288	0.012	0.028	0.030	0.037	0.058	0.188	0.825	1984
MEAN	0.630	1.15	2.18	3.37	0.813	0.280	0.048	0.185	0.314	0.359	0.783	0.908	0.911	MEAN

LOCATION - LAT 44 58 40 N DRAINAGE AREA, 89.2 km²
LONG 75 31 00 W NATURAL FLOW

NORTH BRANCH SOUTH NATION RIVER NEAR HECKSTON - STATION NO. 02LB017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	15.2 AT 18:26 EST ON APR 13 *	13.2 ON APR 12	0 ON SEP 10 *	31 500	1978
1979	10.1 AT 05:30 EST ON MAR 25	9.90 ON MAR 25	0.001 ON JUL 22	25 500	1979
1980	---	14.6 B ON MAR 22 *	0.006 ON JUL 15	25 100	1980
1981	---	13.5 B ON FEB 21	0.016 ON AUG 4	33 500	1981
1982	---	14.6 B ON APR 1	0.030 ON AUG 22	29 000	1982
1983	9.50 AT 18:53 EST ON MAR 19	8.46 ON MAR 20	0 ON AUG 12	29 500	1983
1984	14.9 AT 02:08 EST ON APR 6	14.1 ON APR 6	0.004 ON JUL 15	26 100	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		28 700	MEAN

NORTH CREEK AT DELHI - STATION NO. 02GC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1954	---	---	---	---	---	---	---	---	---	1.54	0.680	0.628	---	1954
1955	0.798	0.689	1.70	1.18	0.488	0.292	0.285	0.255	0.238	0.495	0.713	0.714	0.652	1955
1956	0.374	0.735	1.78	1.03	1.32	0.444	0.414	0.497	0.422	0.347	0.383	0.584	0.695	1956
1957	0.672	0.709	0.735	1.02	0.590	0.368	0.394	0.432	0.537	0.433	0.821	1.15	0.656	1957
1958	0.474	0.417	0.837	0.628	0.298	0.261	0.245	0.174	0.209	0.215	0.282	0.282	0.361	1958
1959	0.508	0.562	1.18	0.939	0.571	0.341	0.185	0.160	0.211	0.297	0.483	0.740	0.514	1959
1960	0.585	0.893	1.64	2.38	1.02	0.593	0.287	0.261	0.204	0.268	0.303	0.217	0.718	1960
1961	0.184	0.429	0.788	1.06	0.885	0.557	0.254	0.407	0.304	0.218	0.325	0.505	0.493	1961
1962	0.475	0.420	0.981	0.734	0.441	0.299	0.180	0.195	0.156	0.221	0.369	0.413	0.404	1962
1963	0.293	0.264	0.827	0.636	0.536	0.213	0.110	0.208	0.208	0.145	0.180	0.182	0.334	1963
1964	0.255	0.274	0.608	0.843	0.546	0.238	0.183	0.576	0.394	0.300	0.285	0.475	0.414	1964
1965	0.584	0.886	2.08	1.91	0.480	0.257	0.213	0.234	0.252	0.402	0.617	0.752	0.717	1965
1966	0.524	0.584	1.00	0.682	0.578	0.387	---	---	---	---	---	---	---	1966
MEAN	0.478	0.572	1.18	1.10	0.646	0.358	0.245	0.309	0.285	0.407	0.453	0.554	0.542	MEAN

LOCATION - LAT 42 51 10 N DRAINAGE AREA, 54.4 km^2
LONG 80 30 35 W REGULATED

NORTH CREEK AT DELHI - STATION NO. 02GC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1954	---	---	---	---	1954
1955	---	8.18E ON MAR 1	0.170 ON JUL 5	20 600	1955
1956	---	10.2 ON MAR 7	0.283 ON JAN 19	22 000	1956
1957	---	4.33 ON APR 6	0.198 ON AUG 1	20 700	1957
1958	---	1.47 ON APR 7	0.085 ON AUG 4	11 400	1958
1959	---	3.37 ON MAR 8	0.057 ON AUG 4	18 200	1959
1960	---	28.3 ON MAR 31 *	0.127 ON SEP 8	22 700	1960
1961	---	2.97 ON APR 18	0.122 ON FEB 11	15 500	1961
1962	---	4.18 ON MAR 12	0 ON JUL 10 *	12 700	1962
1963	---	3.06 ON APR 20	0.011 ON JUN 26	10 500	1963
1964	---	1.78 ON AUG 23	0 ON JUL 28	13 100	1964
1965	---	14.2 E ON MAR 6	0 ON NOV 23	22 600	1965
1966	---	2.01 ON FEB 11	0.187 ON JAN 27	---	1966
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		17 100	MEAN

NORTH CURRENT RIVER NEAR THUNDER BAY - STATION NO. 02AB014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	0.480	0.343	0.264	3.61	5.51	0.634	1.53	0.212	0.232	0.452	0.784	0.433	1.21	1972
1973	0.249	0.185	0.729	4.24	2.10	1.10	0.508	0.402	2.41	1.52	2.81	0.834	1.40	1973
1974	0.257	0.169	0.270	5.11	5.47	2.13	2.10	0.939	0.800	1.42	1.36	0.780	1.78	1974
1975	1.49	0.577	0.373	3.75	3.24	0.740	0.393	0.152	0.177	0.325	0.645	0.682	1.04	1975
1976	0.185	0.182	0.264	8.40	1.58	0.925	0.323	0.032	0.008	0.034	0.045	0.028	0.891	1976
1977	0.004	0.003	0.256	1.85	0.845	0.418	0.185	0.605	7.98	2.82	2.43	1.10	1.61	1977
1978	0.441	0.203	0.124	2.02	4.20	0.901	0.214	0.062	0.474	0.266	0.159	0.204	0.777	1978
1979	0.174	0.150	0.247	4.44	5.35	1.10	0.251	0.189	0.508	0.531	1.50	0.482	1.33	1979
1980	0.178	0.125	0.313	3.30	1.54	0.185	0.250	0.340	3.53	1.98	1.29	0.561	1.13	1980
1981	0.328	0.258	0.498	5.90	2.04	2.48	0.401	0.083	0.077	0.388	0.398	0.274	1.09	1981
1982	0.208	0.142	0.101	3.83	4.46	0.500	1.38	0.934	0.388	3.90	2.13	0.687	1.58	1982
1983	0.487	0.402	0.512	3.37	4.23	1.81	0.880	0.417	0.144	1.78	1.74	1.13	1.42	1983
1984	0.443	0.361	0.248	4.26	2.72	2.06	0.568	0.251	0.188	1.12	1.61	2.60	1.35	1984
MEAN	0.377	0.232	0.323	4.14	3.41	1.16	0.889	0.384	1.31	1.28	1.28	0.760	1.28	MEAN

LOCATION - LAT 48 30 04 N DRAINAGE AREA, 111 km^2
LONG 89 10 47 W NATURAL FLOW

REMARKS - STATION RELOCATED SEP 1984

NORTH CURRENT RIVER NEAR THUNDER BAY - STATION NO. 02AB014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	22.8 ON MAY 2	0.085 ON SEP 4	38 300	1972
1973	---	18.1 ON NOV 22	0.0918 ON FEB 9	44 100	1973
1974	---	20.2 ON JUL 9	0.1398 ON JAN 8	55 100	1974
1975	---	10.9 B ON APR 28	0.088E ON AUG 13	32 800	1975
1976	---	27.2 ON APR 16	0.007 ON AUG 31	31 300	1976
1977	---	33.1 ON SEP 9 *	0.0038 ON JAN 10 *	47 800	1977
1978	---	13.4 ON APR 29	0.025 ON AUG 14	24 800	1978
1979	24.6 AT 08:13 EST ON MAY 11	23.2 ON MAY 11	0.078 ON AUG 12	41 900	1979
1980	14.5 AT 07:24 EST ON SEP 20	12.5 ON SEP 20	0.071 ON JUL 8	35 800	1980
1981	11.9 AT 11:42 EST ON APR 9	9.23 ON APR 14	0.026 ON AUG 28	34 400	1981
1982	25.4 AT 02:02 EST ON APR 26 *	20.1 ON APR 26	0.0978 ON MAR 16	49 900	1982
1983	14.4 AT 12:16 EST ON APR 29	13.3 ON APR 27	0.047 ON SEP 8	44 800	1983
1984	8.96 AT 12:51 EST ON APR 15	8.87 ON APR 15	0.085 ON SEP 1	42 700	1984
				40 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH FRENCH RIVER NEAR THE MOUTH - STATION NO. 04MF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	---	---	74.7	---	1966
1967	28.4	14.4	9.18	57.0	495	106	65.5	81.8	17.9	45.0	86.3	35.0	86.0	1967
1968	18.1	11.2	11.6	383	190	45.7	221	257	175	238	88.8	36.4	138	1968
1969	20.6	16.4	15.8	44.4	317	151	143	117	89.2	185	49.7	26.8	97.9	1969
1970	17.4	12.6	9.30	20.4	121R	132	69.7	38.2	156	93.3	49.1	27.7	62.4R	1970
1971	17.4	12.1	8.97	73.0 R	276R	90.9	168	254 R	306 R	210	41.8	16.9	124 R	1971
1972	11.2	8.67	7.91	11.3	418	85.1	60.2	20.2	15.5	118	63.0	30.0	71.3	1972
1973	20.6	24.0	59.7	175	256	86.6	71.6	80.0	58.6	80.9	41.7	20.1	80.0	1973
1974	13.1	9.68	7.85	8.53	385	205	127	83.5	78.6	184	108	16.2	103	1974
1975	8.01	5.45	5.91	20.0	200	57.6	81.5	58.2	23.2	33.8	74.8	27.4	49.9	1975
1976	14.7	9.82	8.21	49.0 R	150R	135 R	110 R	48.0	79.7	80.4	29.3	10.0	58.8R	1976
1977	8.25	4.69	7.47	280	273	80.1	84.7	84.1	151	81.3	86.3	25.4	94.7	1977
1978	9.84	5.96	4.08	5.29	426	287	189	41.3	85.4	183	58.3	22.9	110	1978
1979	13.3	8.73	8.32	166	506	147	84.1	82.5	127	197	97.6	30.8	120	1979
1980	15.9	10.5	8.55	113	305	143	37.5	25.7	37.8	155	48.4	7.87	78.0	1980
1981	3.61	4.14	10.6	136	352	157	52.6	18.4	54.5	98.4	57.4	21.1	80.8	1981
1982	11.2	7.73	6.22	21.6	371	76.8	212	82.8	114	152	134	44.3	102	1982
1983	18.6	12.2	13.0	22.2	451	145	35.5	28.9	158	116	89.3	26.8	91.2	1983
1984	9.89	8.17	8.25	122	214	216	187	38.2	41.6	81.5	83.7	44.9	86.2	1984
MEAN	14.4	10.4	11.6	93.2 R	317R	128 R	111 R	78.4R	87.7R	126	69.4	28.7	90.7	MEAN

LOCATION - LAT 51 05 00 N
LONG 80 46 00 W
DRAINAGE AREA, 6 680 km^2
NATURAL FLOW

R - REVISED SINCE JAN 1980

NORTH FRENCH RIVER NEAR THE MOUTH - STATION NO. 04MF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	946 ON MAY 9	7.93B ON MAR 30	2 720 000	1967
1968	---	731 ON APR 20	8.78B ON MAR 11	4 360 000	1968
1969	569 AT 01:00 EST ON MAY 9	527 ON MAY 4	15.7 B ON MAR 27	3 080 000	1969
1970	---	292 ON SEP 7	8.78B ON MAR 23	1 970 000R	1970
1971	---	549 ON OCT 2	8.30B ON MAR 29	3 900 000R	1971
1972	748 AT 02:25 EST ON MAY 15	733 ON MAY 15	7.67B ON MAR 4	2 280 000	1972
1973	589 AT 10:30 EST ON APR 23	583 ON APR 23	15.6 B ON DEC 31	2 520 000	1973
1974	779 AT 01:00 EST ON MAY 18	748 ON MAY 17	7.42B ON APR 14	3 250 000	1974
1975	---	544E ON MAY 3	5.72B ON MAR 31	1 570 000	1975
1976	---	179 ON SEP 17	7.50B ON DEC 31	1 880 000R	1976
1977	883 AT 03:00 EST ON APR 26	855 ON APR 26	4.11B ON MAR 7	2 880 000	1977
1978	883 AT 17:30 EST ON MAY 12	860 ON MAY 14	3.34B ON APR 7	3 460 000	1978
1979	971 AT 17:00 EST ON APR 26 *	926 ON MAY 10	5.69B ON MAR 18	3 770 000	1979
1980	810 AT 11:00 EST ON APR 27	836 ON APR 30	4.70B ON DEC 31	2 400 000	1980
1981	641 AT 02:27 EST ON MAY 7	625 ON MAY 6	2.78B ON FEB 15 *	2 550 000	1981
1982	902 AT 12:15 EST ON MAY 5	891 ON MAY 5	5.90B ON MAR 18	3 210 000	1982
1983	---	1 000E ON MAY 7 *	10.7 B ON MAR 8	2 880 000	1983
1984	521 AT 05:15 EST ON JUN 30	509 ON JUN 30	5.80B ON MAR 18	2 730 000	1984
				2 860 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

NORTH MAGNETAWAN RIVER ABOVE PICKEREL LAKE - STATION NO. 02EA010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	1.95	2.57	8.08	2.34	2.06	1.18	0.782	1.18	1.08	1.30	1.09	---	1968
1969	0.844	0.810	1.46	9.77	5.53	2.84	1.14	1.11	2.88	3.52	5.90	1.90	3.18	1969
1970	0.720	0.605	0.819	9.41	3.86	2.07	3.88	0.685	1.88	2.78	2.39	1.80	2.58	1970
1971	1.14	0.887	1.00	10.4	4.13	1.21	0.570	0.708	0.671	0.784	1.60	2.84	2.14	1971
1972	1.07	1.02	1.26	9.86	9.31	3.84	1.90	2.32	1.25	2.64	2.83	1.13	3.23	1972
1973	1.18	0.885	5.51	8.01	3.82	2.82	1.41	1.18	1.03	1.71	2.75	3.01	2.79	1973
1974	2.32	2.40	2.79	12.9	5.94	2.02	1.27	0.864	0.903	2.38	4.82	1.68	3.33	1974
1975	1.76	1.38	1.88	8.86	5.55	0.877	0.944	0.530	2.62	2.88	2.79	5.51	2.95	1975
1976	1.11	0.978	9.37	9.01	4.63	1.58	1.43	0.550	0.989	1.18	1.63	1.43	2.83	1976
1977	0.737	0.517	8.11	9.04	1.56	0.702	0.610	0.719	2.34	3.76	4.18	2.56	2.74	1977
1978	1.03	0.885	0.824	8.86	6.87	1.28	0.514	0.978	1.43	3.12	2.05	1.68	2.18	1978
1979	1.04	0.885	8.81	10.7	3.83	1.30	0.879	0.712	0.915	2.92	4.63	2.71	3.12	1979
1980	2.78	0.958	2.12	11.8	2.63	3.87	3.08	1.82	3.14	4.08	3.70	1.54	3.46	1980
1981	1.02	5.57	3.14	8.70	3.86	2.71	2.87	1.86	5.70	5.55	2.28	1.94	3.79	1981
1982	1.27	0.864	1.34	12.0	2.29	1.10	0.503	0.410	2.08	3.02	4.34	7.16	3.03	1982
1983	2.63	1.27	3.95	4.42	7.09	1.84	0.497	0.370	0.909	1.73	3.36	1.84	2.48	1983
1984	1.04	4.45	2.17	9.37	4.82	2.18	2.38	0.892	1.14	1.85	3.83	3.15	3.10	1984
MEAN	1.34	1.51	3.11	9.44	4.80	2.01	1.47	0.946	1.81	2.85	3.20	2.51	2.93	MEAN

LOCATION - LAT 46 42 12 N DRAINAGE AREA, 149 km²
LONG 79 16 33 W NATURAL FLOW

NORTH MAGNETAWAN RIVER ABOVE PICKEREL LAKE - STATION NO. 02EA010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	25.2 ON APR 5	0.147 ON AUG 15 *	---	1968
1969	---	24.7 ON APR 11	0.303 ON SEP 4	100 000	1969
1970	31.4 AT 11:30 EST ON JUL 22	30.3 ON JUL 22	0.303 ON AUG 15	81 300	1970
1971	24.0 AT 15:45 EST ON APR 20	23.5 ON APR 20	0.328 ON SEP 19	87 700	1971
1972	37.7 AT 03:17 EST ON MAY 4	35.1 ON MAY 4	0.625 ON SEP 24	102 000	1972
1973	24.3 AT 08:56 EST ON APR 3	23.8 ON APR 3	0.507 ON JUL 24	88 000	1973
1974	38.9 AT 23:01 EST ON APR 15	35.4 ON APR 15	0.337 ON SEP 8	105 000	1974
1975	24.1 AT 18:10 EST ON APR 25	23.8 ON APR 25	0.288 ON AUG 21	93 100	1975
1976	38.2 AT 22:23 EST ON MAR 28	36.0 ON MAR 29	0.348 ON AUG 25	89 400	1976
1977	27.6 AT 20:49 EST ON MAR 31	25.1 ON MAR 31	0.255 ON JUL 29	85 500	1977
1978	23.0 AT 20:10 EST ON APR 28	22.5 ON APR 28	0.343 ON AUG 15	88 800	1978
1979	30.5 AT 08:37 EST ON MAR 26	29.5 ON MAR 26	0.314 ON JUL 24	98 400	1979
1980	49.0 AT 05:44 EST ON APR 10	46.3 ON APR 10	0.6488 ON MAR 14	109 000	1980
1981	31.8 AT 15:12 EST ON APR 5	30.3 ON APR 6	0.736 ON AUG 23	120 000	1981
1982	52.1 AT 15:21 EST ON APR 14 *	47.4 ON APR 14 *	0.270 ON AUG 16	95 600	1982
1983	24.5 AT 05:21 EST ON MAY 8	23.3 ON MAY 9	0.215 ON AUG 16	78 300	1983
1984	17.0 AT 08:19 EST ON MAY 27	15.0 ON MAY 27	0.507 ON SEP 9	98 000	1984
				92 600	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	2.41	0.901	4.51	4.43	5.36	---	1915
1916	5.38	8.01	4.18	24.3	14.6	9.79	2.72	0.852	1.98	6.37	7.99	11.3	8.10	1916
1917	2.84	2.55	2.89	21.2	10.4	5.85	10.2	2.28	1.19	3.72	4.15	2.12	5.78	1917
1918	1.24	1.00	3.85	18.8	9.27	3.84	1.87	1.18	2.19	8.24	7.80	7.40	5.40	1918
1919	4.51	2.83	8.31	18.2	13.9	6.00	1.17	1.14	1.84	3.56	8.85	7.24	6.45	1919
1920	2.27	1.88	8.86	15.8	8.44	2.41	3.21	1.44	1.83	2.23	5.83	5.80	5.15	1920
1921	4.88	2.73	18.3	15.8	8.48	2.80	1.18	1.83	0.817	1.83	5.03	8.51	6.00	1921
1922	3.83	3.02	8.23	28.4	8.85	2.11	2.80	1.47	0.787	0.982	2.23	2.01	5.00	1922
1923	1.50	1.33	1.85	20.6	19.7	5.47	1.33	0.858	1.76	0.953	1.76	5.21	5.21	1923
1924	2.40	2.24	3.32	17.7	18.9	5.30	1.28	1.03	0.898	1.31	1.44	3.31	4.82	1924
1925	1.51	2.58	4.31	23.5	7.07	5.21	2.88	0.957	0.892	1.27	5.38	4.77	5.05	1925
1926	2.34	1.95	1.55	6.88	25.2	5.85	5.20	1.72	1.21	1.88	15.2	8.09	8.32	1926
1927	2.38	2.21	9.30	12.1	8.93	5.34	4.21	1.87	0.944	3.79	7.85	7.13	5.80	1927
1928	4.32	2.92	3.58	32.6	17.9	8.21	8.18	8.80	8.77	18.3	10.2	8.18	10.4	1928
1929	5.18	3.89	7.88	30.9	15.7	4.83	2.15	1.08	0.928	1.07	2.01	1.58	8.38	1929
1930	2.48	3.20	4.87	18.8	8.87	5.40	2.40	1.08	1.15	1.27	1.82	1.42	4.28	1930
1931	0.991	0.850	1.04	14.0	5.87	1.87	1.29	0.586	0.784	1.51	4.33	4.83	3.20	1931
1932	9.49	5.75	3.09	17.2	8.78	2.89	2.08	1.10	3.27	11.7	12.4	7.88	8.84	1932
1933	5.74	3.57	2.31	25.2	7.01	2.86	1.22	0.828	0.683	1.87	2.38	3.00	4.77	1933
1934	2.72	2.38	2.28	19.0	15.3	3.68	1.77	0.838	1.06	1.78	6.04	5.42	5.18	1934
1935	2.28	2.01	5.51	14.8	7.07	8.15	7.14	2.33	0.899	2.05	4.83	3.23	4.85	1935
1936	1.47	0.963	3.52	13.8	18.4	4.27	1.02	0.624	1.83	5.84	7.71	5.28	5.24	1936
1937	13.8	5.29	3.63	18.8	10.7	3.19	1.15	0.813	1.16	2.54	7.88	3.48	5.04	1937
1938	2.21	3.68	11.4	21.9	8.24	3.08	1.48	0.871	1.83	2.09	3.14	3.05	5.24	1938
1939	3.03	2.38	2.58	19.2	15.1	3.27	1.45	1.49	1.11	3.14	4.95	2.21	4.89	1939
1940	1.27	0.906	0.793	8.33	15.5	5.37	2.15	3.18	4.80	4.79	8.08	4.87	5.09	1940
1941	3.54	1.85	1.63	24.4	5.09	1.77	1.08	0.982	0.872	4.33	11.9	5.13	5.19	1941
1942	3.40	1.73	5.62	24.4	11.5	3.80	0.893	0.459	1.45	3.35	8.40	3.85	5.78	1942
1943	2.38	1.76	2.07	18.3	21.8	7.68	2.97	1.61	2.93	1.85	4.51	2.41	5.88	1943
1944	1.81	1.47	1.53	14.1	10.9	2.21	1.49	0.852	1.33	5.58	3.91	2.75	3.98	1944
1945	1.64	1.33	14.5	11.2	6.48	6.84	1.55	0.562	0.804	4.32	8.18	2.48	5.00	1945
1946	5.31	3.23	16.6	8.88	5.87	2.97	1.01	0.621	0.601	0.875	3.48	5.31	4.81	1946
1947	3.48	2.72	2.58	28.8	19.7	8.11	5.41	2.28	2.89	2.52	4.73	3.87	7.23	1947
1948	2.32	1.56	8.81	22.7	10.9	3.05	1.12	0.825	0.563	2.14	8.87	5.03	5.82	1948
1949	5.07	4.42	7.10	25.4	8.20	4.18	2.01	0.923	0.885	1.26	2.08	6.88	5.85	1949
1950	10.8	4.25	3.87	14.3	7.85	3.83	1.34	2.53	2.78	1.53	8.48	5.94	5.45	1950
1951	4.42	3.10	5.40	38.0	9.19	2.27	2.05	1.18	0.894	5.31	11.3	6.54	7.29	1951
1952	5.01	3.85	2.78	24.4	7.41	2.95	1.83	2.38	4.19	1.70	3.58	6.44	5.50	1952
1953	3.45	3.94	14.1	12.3	8.45	2.83	1.20	0.583	1.47	2.37	3.05	5.79	4.80	1953
1954	3.14	3.18	8.44	20.8	8.77	5.40	2.23	1.47	2.21	14.2	7.94	4.97	7.23	1954
1955	3.20	2.87	3.87	23.3	4.78	2.21	0.953	0.682	0.554	2.09	8.60	2.78	4.43	1955
1956	1.51	1.12	1.38	13.0	12.9	4.70	2.97	2.41	8.71	4.88	5.23	4.38	5.27	1956
1957	3.52	3.37	4.18	18.3	7.82	5.45	11.5	0.898	4.80	7.62	11.0	10.2	7.16	1957
1958	4.82	2.61	2.28	12.5	4.14	3.44	7.11	1.32	1.71	4.14	4.14	2.78	4.25	1958
1959	2.54	2.20	2.52	23.2	10.8	2.81	1.47	1.88	2.37	8.20	12.1	8.70	8.22	1959
1960	3.07	2.93	2.58	27.6	13.7	3.81	3.88	1.88	1.04	1.50	5.11	3.43	5.84	1960
1961	2.27	1.44	2.31	14.0	7.84	3.47	3.63	1.99	1.37	1.48	3.24	5.83	4.07	1961
1962	2.74	1.81	2.01	17.3	8.04	2.24	1.08	0.580	0.427	0.848	1.47	1.58	3.42	1962
1963	1.38	1.15	2.13	17.6	8.05	4.00	1.32	1.42	1.50	1.17	2.40	2.82	3.73	1963
1964	2.10	2.09	3.45	12.2	6.42	2.09	0.706	0.591	2.73	2.20	2.30	5.33	3.61	1964
1965	3.65	1.81	2.40	8.84	19.8	2.12	1.80	2.72	3.68	8.08	8.42	7.91	5.88	1965
1966	6.12	3.58	4.77	14.8	7.41	8.02	1.40	0.889	0.823	1.87	7.17	11.1	6.45	1966
1967	3.38	3.15	1.85	22.4	8.88	8.82	2.48	1.08	0.878	5.40	12.1	8.27	8.87	1967
1968	3.28	4.38	3.83	17.4	4.89	3.40	2.87	1.88	2.83	1.81	2.24	3.78	4.25	1968
1969	2.82	2.88	2.48	18.8	14.5	5.35	3.18	2.78	4.34	8.74	11.8	8.01	8.87	1969
1970	2.52	2.13	1.88	17.8	11.4	5.00	8.82	2.75	2.88	8.87	8.28	5.24	8.01	1970
1971	2.52	1.84	2.87	21.8	11.0	3.83	1.80	1.88	1.81	1.88	3.41	8.18	4.87	1971
1972	2.87	1.85	1.43	15.7	18.2	8.88	4.83	8.88	2.74	4.40	8.08	3.18	8.82	1972
1973	3.28	2.79	14.2	18.0	8.11	4.84	3.88	3.28	1.83	3.18	4.80	8.88	8.87	1973
1974	3.58	3.83	4.21	21.7	12.3	4.80	2.34	1.38	1.48	8.08	8.08	4.40	8.17	1974
1975	3.58	2.71	3.70	15.2	13.5	2.81	1.30	1.08	3.82	8.38	8.48	8.58	8.87	1975
1976	2.84	2.34	12.8	20.9	8.84	3.05	2.88	0.788	0.884	1.83	2.33	3.28	8.17	1976
1977	1.54	0.893	8.38	18.8	4.25	1.11	1.41	0.880	3.12	8.83	8.88	8.80	8.85	1977
1978	2.84	1.74	1.23	11.8	14.4	3.20	1.08	1.44	2.53	8.81	4.24	3.78	4.81	1978
1979	2.75	2.08	11.2	20.7	8.80	3.48	1.38	1.85	1.82	8.15	8.08	7.00	8.37	1979
1980	8.47	2.28	3.78	25.1	8.81	7.07	8.48	4.85	8.70	7.88	8.82	8.03	7.48	1980
1981	2.34	8.09	8.15	20.8	8.53	8.41	4.88	3.42	12.4	11.8	4.80	4.17	7.81	1981
1982	2.82	2.07	2.83	23.1	7.08	2.81	1.28	0.808	3.44	8.84	8.74	13.1	8.08	1982
1983	7.88	2.73	7.84	10.8	15.8	8.88	1.18	0.780	1.18	3.07	8.84	4.81	8.88	1983
1984	2.28	8.18	8.07	18.1	10.3	8.73	8.08	2.14	1.88	2.82	8.28	8.88	8.80	1984
MEAN	3.81	2.78	5.10	18.8	10.8	4.38	2.74	1.80	2.18	4.08	8.18	8.21	8.81	MEAN

LOCATION - LAT 45 40 10 N DRAINAGE AREA, 321 km²
LONG 79 22 43 W NATURAL FLOW

NORTH MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	31.1 ON APR 18	0.851 ON SEP 17	256 000	1916
1917	---	42.2 ON APR 24	0.142 ON AUG 24 *	183 000	1917
1918	---	30.6 ON APR 4	0.788 ON FEB 2	170 000	1918
1919	---	25.8 ON MAY 25	0.736 ON AUG 13	204 000	1919
1920	---	40.8 ON MAR 27	0.821 ON AUG 20	183 000	1920
1921	---	50.7 ON MAR 26	0.425 ON OCT 1	188 000	1921
1922	---	78.2 ON APR 13	0.425 ON OCT 7	158 000	1922
1923	---	84.0 ON APR 26	0.340 ON AUG 17	184 000	1923
1924	---	43.8 ON MAY 20	0.838 ON JUL 21	156 000	1924
1925	---	38.2 ON APR 7	0.510 ON SEP 2	188 000	1925
1926	---	50.1 ON MAY 5	0.834 ON SEP 14	198 000	1926
1927	---	24.6 ON MAR 21	0.793 ON SEP 13	177 000	1927
1928	---	93.4 ON APR 9 *	2.32 B ON MAR 1	328 000	1928
1929	---	65.4 ON APR 10	0.765 ON SEP 3	200 000	1929
1930	---	35.1 ON APR 20	0.906 ON AUG 16	135 000	1930
1931	---	22.1 ON APR 16	0.311 ON AUG 26	101 000	1931
1932	---	34.3 ON APR 13	0.674 ON AUG 16	219 000	1932
1933	---	50.1 ON APR 16	0.538 ON SEP 3	151 000	1933
1934	---	42.8 ON MAY 3	0.538 ON SEP 2	183 000	1934
1935	---	21.8 ON APR 16	0.783 ON SEP 12	153 000	1935
1936	---	44.2 ON MAY 2	0.311 ON AUG 11	186 000	1936
1937	---	40.5 ON JAN 2	0.823 ON SEP 8	181 000	1937
1938	---	54.1 ON APR 2	0.708 ON AUG 16	185 000	1938
1939	---	57.5 ON APR 28	0.906 ON SEP 19	157 000	1939
1940	---	28.9 ON MAY 3	0.7938 ON MAR 1	151 000	1940
1941	---	57.5 ON APR 16	0.765 ON AUG 21	184 000	1941
1942	---	41.6 ON APR 7	0.368 ON SEP 8	182 000	1942
1943	---	59.5 ON APR 28	1.16 ON OCT 14	185 000	1943
1944	---	37.4 ON APR 27	0.453 ON AUG 27	128 000	1944
1945	---	35.7 ON MAR 22	0.425 ON AUG 29	158 000	1945
1946	---	30.9 ON MAR 22	0.481 ON OCT 10	152 000	1946
1947	---	64.8 ON APR 14	1.02 ON SEP 10	228 000	1947
1948	---	45.9 ON APR 10	0.425 ON SEP 28	178 000	1948
1949	---	33.1 ON APR 18	0.586 ON AUG 30	178 000	1949
1950	---	22.3 ON APR 21	1.08 ON JUL 22	172 000	1950
1951	---	55.5 ON APR 14	0.850 ON SEP 10	230 000	1951
1952	---	47.3 ON APR 21	1.18 ON JUL 31	174 000	1952
1953	---	42.5 ON MAR 28	0.453 ON SEP 4	151 000	1953
1954	---	43.8 ON APR 18	1.10 ON AUG 28	228 000	1954
1955	---	47.0 ON APR 18	0.483 ON SEP 8	140 000	1955
1956	---	24.2 ON APR 18	1.02 B ON FEB 22	167 000	1956
1957	---	66.8 ON JUL 1	0.623 ON AUG 24	228 000	1957
1958	---	31.8 ON APR 21	0.850 ON AUG 28	134 000	1958
1959	---	84.8 ON APR 22	0.963 ON JUL 17	188 000	1959
1960	---	52.4 ON APR 18	0.801 ON SEP 17	184 000	1960
1961	---	28.9 ON APR 25	0.984E ON SEP 11	128 000	1961
1962	---	32.3 ON APR 25	0.368 ON SEP 7	108 000	1962
1963	---	38.5 ON APR 5	0.815 ON JUL 14	118 000	1963
1964	---	35.4 ON APR 18	0.300 ON JUL 25	111 000	1964
1965	---	41.9 ON MAY 3	1.32 ON AUG 1	189 000	1965
1966	---	40.6 ON APR 23	0.436 ON SEP 26	172 000	1966
1967	34.8 AT 22:00 EST ON APR 18	34.5 ON APR 18	0.237 ON SEP 28	186 000	1967
1968	47.3 AT 18:00 EST ON APR 6	46.2 ON APR 6	0.722 ON AUG 15	134 000	1968
1969	41.3 AT 08:00 EST ON APR 18	40.8 ON APR 18	1.48 ON MAR 16	207 000	1969
1970	44.5 AT 21:00 EST ON APR 25	44.2 ON APR 25	1.88 ON AUG 28	180 000	1970
1971	48.1 AT 01:28 EST ON APR 22	47.8 ON APR 21	1.02 ON SEP 18	157 000	1971
1972	49.0 AT 22:58 EST ON MAY 4	47.8 ON MAY 4	1.22 B ON MAR 8	187 000	1972
1973	37.1 AT 03:50 EST ON APR 4	36.0 ON APR 4	1.15 ON SEP 18	188 000	1973
1974	46.7 AT 04:54 EST ON APR 17	46.4 ON APR 17	0.885 ON SEP 8	194 000	1974
1975	44.5 AT 21:30 EST ON APR 26	44.2 ON APR 27	0.470 ON AUG 24	178 000	1975
1976	60.0 AT 07:10 EST ON APR 2	59.5 ON APR 2	0.575 ON AUG 31	184 000	1976
1977	35.4 AT 01:09 EST ON APR 2	35.4 ON APR 2	0.481 ON AUG 18	175 000	1977
1978	38.5 AT 08:11 EST ON APR 30	37.9 ON APR 29	0.871 ON AUG 15	142 000	1978
1979	38.5 AT 08:02 EST ON MAR 27	38.2 ON MAR 27	0.899 ON JUL 24	201 000	1979
1980	71.1 AT 10:40 EST ON APR 11 *	70.3 ON APR 11	1.55 ON MAR 10	237 000	1980
1981	60.8 AT 09:07 EST ON APR 6	60.2 ON APR 6	1.81 B ON FEB 6	247 000	1981
1982	65.9 AT 14:15 EST ON APR 15	64.5 ON APR 15	0.344 ON AUG 15	192 000	1982
1983	34.3 AT 20:47 EST ON MAY 8	33.0 ON MAY 8	0.801 ON SEP 15	178 000	1983
1984	28.8 AT 14:15 EST ON APR 15	28.8 ON APR 15	1.37 ON SEP 9	205 000	1984
				177 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH SAUGEEN RIVER NEAR PAISLEY - STATION NO. 02FC013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	2.81	2.25	4.54	12.8	8.18	3.62	3.84	2.52	1.72	2.47	3.12	5.05	4.31	1972
1973	8.41	4.80	8.47	7.18	4.83	3.48	1.98	2.11	1.34	1.72	3.85	3.75	4.40	1973
1974	5.57	3.75	7.50	9.41	6.37	3.76	2.34	2.67	1.59	2.88	4.32	3.83	4.51	1974
1975	5.08	6.11	7.38	12.8	7.11	3.59	2.31	1.83	2.78	1.82	2.17	4.05	4.74	1975
1976	2.53	5.83	14.9	7.76	4.59	2.23	3.08	2.49	2.59	2.87	4.48	2.33	4.62	1976
1977	1.84	2.24	13.2	8.74	3.34	2.14	1.87	2.85	3.58	8.29	8.14	5.83	4.74	1977
1978	2.80	2.40	4.00	8.85	5.25	3.07	1.87	1.85	2.85	2.53	2.80	2.85	3.50	1978
1979	3.14	2.29	13.0	13.2	7.18	3.36	2.11	2.59	1.83	3.20	3.87	6.84	5.28	1979
1980	3.48	1.78	9.51	10.2	5.11	4.35	4.88	3.26	3.42	4.28	4.03	5.13	4.87	1980
1981	2.12	8.86	7.01	8.87	5.07	3.40	2.37	2.19	4.38	3.88	3.75	3.75	4.50	1981
1982	2.85	1.69	8.65	12.7	5.48	5.33	3.85	2.98	2.24	2.19	4.34	7.08	4.88	1982
1983	5.35	5.88	5.14	8.45	5.92	3.64	1.80	1.56	2.34	2.54	3.00	3.40	3.83	1983
1984	2.48	9.47	7.88	7.04	4.80	3.26	2.22	1.56	2.41	1.78	4.05	4.81	4.28	1984
MEAN	3.77	4.49	8.48	9.49	5.49	3.50	2.55	2.33	2.58	2.88	3.82	4.87	4.49	MEAN

LOCATION - LAT 44 19 04 N DRAINAGE AREA, 282 km²
LONG 81 14 46 W REGULATED

NORTH SAUGEEN RIVER NEAR PAISLEY - STATION NO. 02FC013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	38.4 AT 11:44 EST ON DEC 31	30.6 ON DEC 31	1.08 ON SEP 23	138 000	1972
1973	29.4 AT 00:00 EST ON JAN 1	18.2 ON JAN 1	0.855 ON SEP 15 *	139 000	1973
1974	38.1 AT 00:03 EST ON APR 4	33.1 ON JAN 27	1.06 ON AUG 17	142 000	1974
1975	43.0 AT 00:12 EST ON APR 19 *	36.2 ON APR 19	1.07 ON AUG 9	148 000	1975
1976	---	26.58 ON MAR 21	1.41 E ON AUG 26	146 000	1976
1977	---	51.08 ON MAR 13 *	0.888 ON JUL 30	150 000	1977
1978	24.6 AT 18:00 EST ON APR 7	17.6 ON APR 7	0.994 ON SEP 2	110 000	1978
1979	31.6 AT 06:20 EST ON APR 14	26.4 ON MAR 24	1.20 ON OCT 6	167 000	1979
1980	---	30.08 ON MAR 21	1.58 B ON MAR 9	157 000	1980
1981	---	34.08 ON FEB 23	1.08 ON JUL 25	142 000	1981
1982	---	34.38 ON MAR 31	1.44 ON OCT 9	148 000	1982
1983	15.3 AT 23:34 EST ON FEB 2	12.3 ON FEB 3	0.888 ON SEP 11	121 000	1983
1984	31.5 AT 23:48 EST ON DEC 28	25.08 ON FEB 14	1.04 ON AUG 25	136 000	1984
				142 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

NORTH THAMES RIVER AT LONDON - STATION NO. 02GD007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1943	---	---	---	---	---	---	---	---	---	2.30	10.9	8.16	---	1943
1944	16.4	16.0	48.3	47.3	13.4	3.16	0.881	0.606	2.62	1.09	3.36	4.76	12.4	1944
1945	1.53	2.87	97.6	34.8	54.9	20.7	22.0	2.80	8.32	46.6	18.8	14.0	27.3	1945
1946	40.8	27.3	75.6	7.02	7.82	8.48	2.15	1.95	1.88	1.81	1.88	9.06	15.3	1946
1947	45.6	16.7	55.9	128	30.0	54.0	11.8	3.11	5.83	1.92	2.82	22.1	31.4	1947
1948	7.85	25.3	118	28.1	26.8	2.80	1.77	1.29	0.685	1.15	5.88	5.59	18.5	1948
1949	38.6	84.6	47.2	14.4	3.14	0.885	0.957	0.484	0.744	2.32	3.34	38.4	17.6	1949
1950	80.8	18.1	72.4	85.6	4.75	1.88	2.17	2.97	1.17	2.13	21.5	44.6	24.8	1950
1951	51.0	37.9	88.2	83.2	8.30	2.47	1.87	0.743	0.622	2.15	17.5	15.4	21.3	1951
1952	51.0	25.7	84.0	43.6	18.8	2.59	1.38	0.892	0.589	0.778	1.56	8.88	17.3	1952
1953	14.3	13.8	51.4	18.6	26.1	31.7	3.07	1.42	4.28	0.861	0.558	3.47	14.2	1953
1954	2.78	80.5	85.9	83.9	8.98	1.81	0.574	0.585	1.57	42.2	8.55	28.9	24.4	1954
1955	28.4	8.62	68.1	32.0	3.67	0.928	0.551	0.238	0.726	2.58	7.43	13.5	14.1	1955
1956	8.07	8.18	87.7	87.8	87.7	4.83	3.01	9.47	7.83	3.94	4.62	30.1	23.4	1956
1957	23.2	30.6	38.6	30.6	13.2	9.87	13.8	2.37	8.98	3.89	30.3	82.1	22.2	1957
1958	8.48	5.33	45.1	12.9	2.64	1.51	1.44	0.627	3.58	1.48	7.59	5.88	8.06	1958
1959	10.9	13.5	76.4	82.8	17.7	3.85	1.18	1.32	1.38	9.90	27.3	31.6	23.2	1959
1960	13.2	18.1	25.5	121	36.8	15.6	2.13	1.08	0.736	1.33	1.75	0.875	18.7	1960
1961	0.438	21.6	26.7	26.8	18.4	3.21	3.26	2.64	1.73	1.01	9.62	12.5	10.6	1961
1962	4.68	5.18	70.8	22.3	8.63	2.56	0.803	---	---	---	---	---	---	1962
MEAN	23.1	23.1	61.6	48.7	19.3	8.94	3.91	1.90	2.91	6.82	9.70	18.0	18.2	MEAN

LOCATION - LAT 43 00 26 N DRAINAGE AREA, 1 700 km²
LONG 81 16 08 W REGULATED

NORTH THAMES RIVER AT LONDON - STATION NO. 02GD007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1943	---	---	---	---	1943
1944	---	177 ON APR 10	0.425 ON AUG 9	394 000	1944
1945	---	433 ON MAY 18	0.585 ON AUG 29	882 000	1945
1946	---	535 ON MAR 7	1.56 E ON SEP 1	482 000	1946
1947	---	765 ON APR 6 *	0.934 ON OCT 13	889 000	1947
1948	809R AT 08:30 EST ON MAR 20	643 ON MAR 20	0.425 ON SEP 2	584 000	1948
1949	---	382 ON MAR 23	0.340 ON AUG 25	559 000	1949
1950	821R AT 14:00 EST ON APR 4 *	595 ON APR 4	0.586 ON OCT 6	785 000	1950
1951	---	493 ON JAN 4	0.586 ON AUG 30	671 000	1951
1952	259R AT 21:00 EST ON MAR 11	210 ON MAR 11	0.311 ON AUG 29	547 000	1952
1953	227R AT 12:45 EST ON MAR 18	190 ON MAR 18	0.227 ON NOV 2	447 000	1953
1954	---	569 ON FEB 17	0.283 ON SEP 7	770 000	1954
1955	---	381 ON MAR 11	0.057 ON AUG 1 *	443 000	1955
1956	---	453 ON MAY 12	1.18 ON AUG 4	738 000	1956
1957	---	442 ON DEC 21	1.84 ON SEP 6	700 000	1957
1958	---	105 ON MAR 24	0.340 ON AUG 19	264 000	1958
1959	413R AT 17:00 EST ON APR 2	365 ON APR 2	0.595 ON AUG 9	731 000	1959
1960	---	498 ON MAR 31	0.371 ON SEP 18	823 000	1960
1961	---	1808 ON FEB 25	0.3868 ON JAN 27	335 000	1961
1962	---	243 ON MAR 30	---	---	1962
				606 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 1980

NORTH THAMES RIVER AT ST. MARYS - STATION NO. 02GD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	37.5	9.88	4.62	---	---	---	---	---	---	---	---	1938
1939	---	---	39.9	42.5	1.84	---	---	---	---	---	---	---	---	1939
1940	---	---	---	78.1	---	---	---	---	---	---	---	---	---	1940
1941	---	---	---	28.9	1.32	---	---	---	---	---	---	---	---	1941
1942	---	---	---	13.1	---	---	---	---	---	---	---	---	---	1942
1943	---	---	---	23.6	---	---	---	---	---	---	---	---	---	1943
1944	---	---	---	30.2	---	---	---	---	---	---	---	---	---	1944
1945	---	---	70.1	28.1	---	---	---	---	---	---	---	---	---	1945
1946	---	---	47.5	1.08	0.780	---	---	---	---	---	---	---	---	1946
1947	---	---	38.8	81.6	---	---	---	---	---	---	---	---	---	1947
1948	---	---	---	18.1	15.8	---	---	---	---	---	---	---	---	1948
1949	---	---	33.6	7.93	---	---	---	---	---	---	---	---	---	1949
1951	---	---	48.1	37.4	4.70	1.82	0.827	0.841	0.835	1.26	15.5	10.8	---	1951
1952	35.7	17.6	38.5	30.3	7.89	1.30	0.934	0.808	0.555	0.527	1.08	8.72	11.8	1952
1953	11.0	11.1	45.6	12.1	24.0	29.1	2.29	1.30	0.660	0.677	1.32	2.78	11.9	1953
1954	4.94	58.0	51.1	33.8	6.58	1.23	0.681	0.668	0.754	31.2	7.39	17.7	17.6	1954
1955	17.2	5.10	54.5	25.0	2.46	0.859	0.453	0.311	0.436	1.03	5.26	8.62	10.2	1955
1956	3.88	3.41	43.1	50.1	47.7	2.88	2.14	8.31	4.88	1.98	2.44	19.3	15.8	1956
1957	14.3	21.3	28.9	23.0	10.2	7.59	8.38	1.04	3.38	3.03	26.6	44.1	15.8	1957
1958	5.84	3.12	31.1	9.42	1.83	0.974	1.42	0.838	3.15	1.22	8.12	3.58	5.75	1958
1959	7.07	8.50	51.7	62.7	15.0	2.08	0.934	1.13	0.628	5.00	20.3	21.5	16.4	1959
1960	8.00	12.6	17.7	74.9	23.7	8.26	1.48	0.677	0.487	0.712	1.18	0.945	12.5	1960
1961	0.528	13.9	16.9	16.1	11.6	2.32	1.52	0.917	1.32	1.09	7.85	12.9	7.55	1961
1962	2.58	2.74	53.0	14.2	2.99	1.21	0.609	0.608	0.619	1.13	3.62	7.33	7.83	1962
1963	2.54	1.54	62.5	11.6	6.93	1.36	0.682	0.502	0.584	0.558	0.829	0.654	7.62	1963
1964	7.43	5.44	28.1	17.6	3.50	0.776	0.843	5.01	1.65	1.31	1.48	14.7	7.34	1964
1965	12.7	30.8	24.1	45.2	5.25	0.882	0.633	0.545	1.11	3.16	13.8	37.7	14.5	1965
1966	8.89	16.1	27.0	14.7	7.30	8.36	1.58	3.17	3.83	2.12	14.2	41.2	12.3	1966
1967	25.3	9.08	38.2	43.4	6.53	16.0	6.05	8.33	5.86	23.1	34.5	33.5	21.0	1967
1968	7.77	38.7	34.4	10.3	3.58	2.17	2.18	2.85	7.40	12.8	18.1	17.6	13.1	1968
1969	21.9	18.2	40.3	42.0	18.8	3.56	2.11	2.48	2.57	2.48	8.40	5.83	13.8	1969
1970	2.78	5.14	15.1	41.1	12.1	2.53	2.74	1.81	2.85	5.04	16.5	17.1	10.4	1970
1971	7.24	9.34	38.2	48.8	5.10	2.78	1.73	2.35	1.86	1.92	1.85	7.74	10.7	1971
1972	9.05	3.83	26.0	50.4	7.13	1.87	3.28	1.83	2.52	5.38	11.3	22.7	12.1	1972
1973	31.1	11.8	54.1	12.1	13.2	4.68	2.35	2.12	2.40	2.74	14.8	13.2	13.8	1973
1974	36.2	11.4	37.2	25.9	34.6	3.53	2.49	2.24	2.22	1.86	4.23	2.41	13.1	1974
1975	18.0	14.8	32.1	50.9	4.53	4.48	7.10	2.68	5.81	2.13	8.42	17.8	13.8	1975
1976	8.51	48.8	70.0	20.7	14.0	2.32	3.84	5.08	3.71	4.50	9.75	4.51	18.2	1976
1977	2.51	1.98	80.0	14.8	3.67	1.88	2.45	2.67	12.2	18.4	17.0	24.2	16.1	1977
1978	8.84	3.88	17.1	85.6	8.51	3.02	2.84	2.00	9.20	10.3	7.53	10.2	13.7	1978
1979	12.2	3.38	61.8	48.8	7.82	3.29	2.13	2.44	2.22	5.55	27.7	32.3	17.3	1979
1980	10.8	2.18	37.0	29.8	10.7	5.59	3.47	3.07	3.84	5.20	4.83	10.8	10.5	1980
1981	1.43	51.3	17.2	12.3	10.8	3.31	2.18	3.11	16.5	29.4	12.8	6.94	13.6	1981
1982	3.84	3.20	50.4	61.2	4.41	5.62	3.13	4.28	11.1	8.31	33.4	48.2	18.4	1982
1983	11.4	18.8	10.0	16.0	28.2	11.7	11.1	12.3	8.00	8.02	16.0	25.7	14.8	1983
1984	4.81	64.8	28.2	13.4	6.88	8.84	3.48	2.13	7.48	4.25	13.5	24.3	15.0	1984
MEAN	10.7	16.0	38.4	32.1	10.4	4.89	2.70	2.65	3.89	5.89	11.4	16.9	13.1	MEAN

LOCATION - LAT 43 15 18 N DRAINAGE AREA, 1 080 km^2
LONG 81 08 43 W REGULATED

NORTH THAMES RIVER AT ST. MARYS - STATION NO. 02GD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	1938
1939	---	---	---	---	1939
1940	---	---	---	---	1940
1941	---	---	---	---	1941
1942	---	---	---	---	1942
1943	---	---	---	---	1943
1944	---	---	---	---	1944
1945	---	---	---	---	1945
1946	---	---	---	---	1946
1947	---	---	---	---	1947
1948	770 AT 24:00 EST ON MAR 19 *	453 E ON MAR 20	---	---	1948
1949	---	---	---	---	1949
1951	---	138 ON FEB 27	0.708 ON OCT 1	---	1951
1952	181 AT 21:00 EST ON MAR 11	126 ON MAR 21	0.340 ON AUG 29	374 000	1952
1953	430 AT 10:00 EST ON JUN 17	267 ON JUN 17	0.426 ON SEP 4	374 000	1953
1954	691 AT 19:00 EST ON FEB 16	430 ON FEB 16	0.595 ON JUL 17	554 000	1954
1955	---	340 ON MAR 11	0.311E ON AUG 1	320 000	1955
1956	---	371 ON APR 4	0.650 ON JUL 30	502 000	1956
1957	442 AT 04:00 EST ON DEC 21	340 ON DEC 21	0.621 ON AUG 23	498 000	1957
1958	91.28 AT 05:00 EST ON MAR 27	76.28 ON MAR 24	0.568 ON AUG 19	181 000	1958
1959	381 AT 11:00 EST ON APR 2	340 ON APR 2	0.388 ON AUG 6	518 000	1959
1960	521 AT 22:30 EST ON APR 3	430 ON APR 3	0.388 ON SEP 8	398 000	1960
1961	108 B AT 18:00 EST ON FEB 24	103 B ON FEB 24	0.340B ON JAN 25	238 000	1961
1962	303 B AT 23:30 EST ON MAR 29	255 B ON MAR 29	0.411 ON SEP 7	241 000	1962
1963	583 AT 22:00 EST ON MAR 27	481 ON MAR 27	0.419 ON AUG 6	240 000	1963
1964	171 AT 09:30 EST ON DEC 25	139 ON DEC 25	0.238 ON JUL 24	232 000	1964
1965	476 B AT 23:00 EST ON FEB 10	357 ON FEB 11	0.051 ON SEP 13 *	458 000	1965
1966	548 AT 10:30 EST ON DEC 7	433 ON DEC 7	0.238 ON JUL 8	389 000	1966
1967	493 AT 08:30 EST ON APR 3	303 ON APR 3	0.612 ON JUN 8	864 000	1967
1968	493 AT 13:50 EST ON FEB 2	377 ON FEB 2	1.04 ON JUN 18	413 000	1968
1969	306 AT 08:00 EST ON APR 5	238 ON APR 5	1.50 ON JUL 13	437 000	1969
1970	252 AT 04:11 EST ON APR 9	207 ON APR 9	1.08 ON JUL 2	327 000	1970
1971	---	208 A ON APR 2	0.728 ON JUL 4	338 000	1971
1972	242 AT 07:57 EST ON APR 17	187 ON APR 13	0.770 ON JUN 19	383 000	1972
1973	294 AT 23:26 EST ON MAR 11	182 ON JAN 1	1.46 ON JUL 11	434 000	1973
1974	538 AT 08:14 EST ON MAY 17	382 ON MAY 17	1.18 ON OCT 30	413 000	1974
1975	612 AT 07:22 EST ON APR 18	450 ON APR 18	0.521 ON AUG 10	437 000	1975
1976	328 AT 21:25 EST ON MAR 5	254 ON MAR 21	1.59 ON JUN 14	513 000	1976
1977	702 AT 17:46 EST ON MAR 13	623 ON MAR 13 *	0.928 ON JUN 24	477 000	1977
1978	374 AT 13:49 EST ON APR 11	308 ON APR 11	1.11 ON JUL 11	433 000	1978
1979	450 AT 08:26 EST ON APR 14	360 ON APR 14	1.31 ON JUL 23	548 000	1979
1980	386 AT 15:19 EST ON MAR 21	287 ON MAR 21	1.60 B ON MAR 5	333 000	1980
1981	299 AT 18:34 EST ON FEB 23	239 ON FEB 23	0.104 ON AUG 11	430 000	1981
1982	590 AT 23:44 EST ON MAR 31	412 ON MAR 31	1.50 B ON MAR 11	613 000	1982
1983	171 AT 20:40 EST ON MAY 2	113 ON DEC 13	1.88 ON JUL 27	488 000	1983
1984	---	230 B ON FEB 14	0.481 ON AUG 28	474 000	1984
				414 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH THAMES RIVER BELOW FANSHAWE DAM - STATION NO. 02GD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	2.26	4.02	21.3	7.51	8.81	19.4	24.5	---	1915
1916	105	15.3	30.6	50.6	26.1	28.1	3.58	0.852	0.588	0.910	1.71	3.85	22.2	1916
1917	9.47	2.15	59.8	27.7	12.6	13.4	31.2	1.31	1.00	2.68	4.10	4.59	14.3	1917
1918	2.10	4.21	82.7	14.6	1.93	1.52	0.628	0.841	1.90	0.784	1.81	27.9	10.2	1918
1919	17.2	10.2	47.5	30.3	30.6	3.19	0.742	0.789	0.730	2.28	9.38	7.35	13.4	1919
1920	1.88	1.72	36.1	19.0	4.22	1.50	3.84	1.35	1.18	2.35	13.8	28.5	9.85	1920
1921	20.4	7.05	48.4	32.2	8.67	2.60	3.62	1.09	0.884	5.04	11.8	32.7	14.6	1921
1922	10.2	32.1	33.0	57.9	4.14	11.7	1.76	1.44	3.30	1.89	2.05	2.12	13.2	1922
1923	4.28	2.04	80.7	43.1	28.7	11.0	1.75	1.07	3.84	1.48	4.61	38.8	16.9	1923
1924	26.6	9.27	58.7	41.1	28.1	3.67	2.25	2.55	1.26	1.12	1.12	2.66	14.8	1924
1925	0.476	26.8	52.9	8.86	1.97	1.06	0.774	0.725	0.828	1.23	18.8	10.9	10.2	1925
1926	8.84	6.34	82.3	68.3	8.47	2.78	0.733	9.04	13.3	20.7	56.7	10.2	22.0	1926
1927	6.75	20.0	58.0	7.52	16.3	4.48	21.4	2.17	1.23	1.48	10.7	27.7	14.8	1927
1928	20.2	16.3	57.0	25.5	4.07	8.67	8.10	5.57	1.56	8.97	35.8	35.1	19.0	1928
1929	28.9	6.28	119	47.7	23.6	2.85	1.72	1.09	0.903	1.11	1.78	1.50	19.7	1929
1930	40.8	78.2	24.8	28.1	7.26	5.42	1.86	0.786	1.28	1.18	0.861	2.75	15.7	1930
1931	0.991	1.67	32.0	37.1	8.57	2.26	8.16	5.89	1.83	2.03	14.4	24.8	11.7	1931
1932	45.0	26.8	21.8	27.6	13.0	3.60	3.04	2.70	4.71	5.99	26.1	31.1	17.6	1932
1933	16.1	13.3	25.4	48.9	9.37	2.54	1.33	1.31	1.21	1.35	5.49	11.3	11.2	1933
1934	21.1	8.31	36.4	66.0	2.24	1.26	1.16	0.926	1.10	---	---	---	---	1934
1935	---	---	---	---	---	---	---	---	---	1.18	14.2	8.78	---	1935
1936	4.56	5.61	70.0	26.6	10.6	6.55	0.452	0.300	0.604	1.43	3.38	18.6	12.6	1936
1937	47.6	30.0	9.43	82.7	13.2	5.06	1.60	1.40	1.63	3.46	4.21	2.72	15.7	1937
1938	4.83	81.2	51.8	13.1	5.91	2.43	0.841	1.14	0.795	0.732	0.648	1.14	13.3	1938
1939	4.67	15.9	48.6	52.9	3.03	1.71	1.17	1.09	0.851	1.35	2.68	1.81	11.2	1939
1940	1.81	2.52	4.83	101	21.0	11.9	4.50	4.72	9.24	10.6	22.8	47.3	20.1	1940
1941	15.9	7.78	19.7	34.5	2.86	1.89	0.802	0.541	1.14	4.75	14.4	11.1	9.53	1941
1942	12.2	6.63	72.0	16.4	8.77	9.22	1.51	0.765	14.3	17.4	46.7	20.0	18.2	1942
1943	13.3	46.2	81.4	32.1	37.0	9.86	5.87	3.86	3.89	2.33	8.36	7.03	20.6	1943
1944	9.20	12.8	38.6	38.1	7.87	2.84	0.887	0.482	2.25	---	---	---	---	1944
1953	---	---	---	---	---	---	---	---	---	0.588	0.495	0.912	---	1953
1954	2.28	71.5	63.0	41.9	7.44	1.75	0.486	0.423	0.515	35.6	7.81	19.4	20.7	1954
1955	22.8	6.13	69.8	29.0	3.31	1.02	0.549	0.183	0.383	2.23	6.19	10.8	12.8	1955
1956	8.00	4.86	56.2	58.4	60.8	3.81	2.83	8.59	7.12	3.17	3.84	25.5	20.2	1956
1957	20.6	26.1	34.1	27.7	11.3	9.18	11.8	1.75	7.76	3.46	26.4	53.0	19.4	1957
1958	7.68	4.07	38.1	11.5	2.86	1.58	1.83	0.953	3.80	1.97	7.10	4.72	7.32	1958
1959	8.86	12.0	68.0	77.8	15.8	2.80	1.33	1.58	1.49	9.65	27.5	28.8	21.5	1959
1960	11.2	15.6	21.0	108	38.6	13.1	2.42	1.18	0.687	1.40	1.65	0.742	17.6	1960
1961	0.447	20.3	23.8	23.8	17.4	4.10	3.28	2.35	1.66	0.812	8.75	14.8	10.1	1961
1962	3.80	3.36	84.0	21.1	6.35	2.23	0.734	0.651	0.378	1.65	5.89	6.06	9.06	1962
1963	3.82	1.81	81.5	17.7	11.6	2.65	1.80	0.643	0.245	0.605	0.535	0.563	10.4	1963
1964	8.94	7.48	40.5	36.3	4.76	1.32	0.519	6.85	2.41	1.76	1.76	16.9	10.2	1964
1965	16.1	42.2	31.8	89.0	9.35	0.887	0.688	1.33	1.83	3.65	15.8	49.8	18.9	1965
1966	11.3	21.3	36.1	18.6	9.87	10.4	1.69	3.13	3.37	7.28	23.3	55.2	16.7	1966
1967	33.3	13.5	46.4	58.0	9.31	19.9	8.61	12.3	5.85	31.7	46.5	44.6	27.6	1967
1968	9.93	55.9	47.2	13.6	5.18	3.80	2.75	2.73	7.16	15.5	21.1	25.7	17.4	1968
1969	27.5	29.7	58.5	58.6	21.1	5.09	1.67	2.38	2.47	2.89	12.0	7.67	18.1	1969
1970	3.42	8.34	21.4	58.4	15.8	3.47	3.24	2.33	3.30	5.65	17.2	25.3	13.9	1970
1971	8.90	12.2	47.1	62.2	4.48	2.45	1.88	2.12	1.87	2.13	4.27	6.50	12.9	1971
1972	12.4	4.86	38.3	68.7	12.3	3.07	4.01	2.38	3.02	8.70	14.5	27.2	16.6	1972
1973	46.6	16.7	78.7	17.6	17.3	5.85	3.00	2.77	2.72	4.06	19.0	16.4	19.4	1973
1974	38.9	17.2	85.0	36.7	44.7	4.97	3.38	2.71	2.72	3.82	4.87	3.57	18.3	1974
1975	26.1	22.3	47.1	68.7	7.19	5.38	4.07	3.81	7.46	5.50	4.43	17.9	18.4	1975
1976	10.4	88.0	87.4	26.2	16.8	3.23	5.98	9.17	5.73	5.78	13.8	6.76	22.5	1976
1977	3.57	3.33	111	21.4	5.32	3.02	3.08	3.45	14.6	20.3	21.5	32.5	20.4	1977
1978	6.53	5.62	25.5	126	11.5	4.29	3.02	2.29	10.4	10.7	7.78	12.3	18.9	1978
1979	14.8	4.12	91.6	87.3	10.1	4.09	3.20	3.13	2.93	5.78	33.0	38.4	23.4	1979
1980	11.9	2.92	52.7	37.8	12.1	5.87	5.95	3.38	3.12	5.52	4.82	13.3	13.4	1980
1981	2.86	78.6	22.0	16.2	12.3	4.83	2.77	2.78	21.8	36.0	16.3	9.82	18.3	1981
1982	7.00	3.76	58.6	61.5	6.59	7.28	4.01	4.65	10.9	8.63	40.0	84.9	26.0	1982
1983	16.2	21.8	13.1	21.0	34.9	15.5	10.6	16.7	8.14	9.24	17.0	33.1	18.1	1983
1984	6.45	68.2	38.3	19.0	9.73	13.8	5.52	3.00	12.8	5.35	16.1	32.2	20.6	1984
MEAN	15.4	20.1	49.1	41.6	13.6	5.56	3.79	3.17	4.07	6.24	13.6	19.3	16.4	MEAN

LOCATION - LAT 43 02 20 N LONG 81 11 05 W DRAINAGE AREA, 1 450 km² REGULATED SINCE 1953

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	354 ON JAN 3	0.398 ON SEP 6	701 000	1916
1917	---	334 ON MAR 24	0.425 ON SEP 23	451 000	1917
1918	---	213 ON MAR 20	0.566 ON AUG 7	322 000	1918
1919	---	215 E ON MAR 17	0.057 ON SEP 10	423 000	1919
1920	---	147 ON MAR 13	0.736 ON SEP 27	305 000	1920
1921	---	297 ON DEC 16	0.680 ON AUG 2	452 000	1921
1922	---	333 ON FEB 23	0.340 ON SEP 6	417 000	1922
1923	---	220 ON MAY 21	0.453 ON JUL 31	524 000	1923
1924	---	195 ON MAR 25	0.538 ON SEP 16	487 000	1924
1925	---	385 ON MAR 19	0.227 ON SEP 2	321 000	1925
1926	---	337 ON APR 11	0.510 ON JUL 20	693 000	1926
1927	---	226 ON JUL 23	0.793 ON SEP 20	485 000	1927
1928	---	354 ON MAR 25	0.963 ON SEP 10	802 000	1928
1929	---	467 ON MAR 16	0.765 ON AUG 27	821 000	1929
1930	---	476 ON FEB 23	0.170 ON AUG 6	436 000	1930
1931	---	262 ON MAR 29	0.708 ON SEP 13	389 000	1931
1932	---	67.1 ON APR 12	0.991 ON AUG 2	557 000	1932
1933	---	237 ON APR 1	0.878 ON SEP 7	352 000	1933
1934	---	311 ON APR 2	---	---	1934
1935	---	---	---	---	1935
1936	---	176 ON MAR 13	0.198 ON AUG 18	389 000	1936
1937	---	583 ON APR 28 *	0.453 ON AUG 2	527 000	1937
1938	---	374 ON FEB 7	0.481 ON DEC 2	419 000	1938
1939	---	281 ON APR 18	0.396 ON JUL 25	355 000	1939
1940	---	459 ON APR 9	1.19 ON AUG 7	836 000	1940
1941	---	112 ON APR 3	0.340 ON AUG 9	302 000	1941
1942	---	385 ON MAR 17	0.510 ON AUG 22	804 000	1942
1943	---	323 ON MAY 12	0.906 ON OCT 12	858 000	1943
1944	---	247 ON APR 10	---	---	1944
1953	---	---	---	---	1953
1954	538E AT 22:00 EST ON FEB 16	405 E ON FEB 17	0.142 ON AUG 24	853 000	1954
1955	---	286 E ON MAR 11	0.026 ON JUL 29	404 000	1955
1956	377 AT 03:00 EST ON MAY 12	334 ON MAY 12	1.08 ON OCT 26	639 000	1956
1957	361 AT 14:30 EST ON DEC 21	334 ON DEC 21	1.08 ON AUG 23	811 000	1957
1958	108 AT 11:00 EST ON MAR 24	101 ON MAR 24	0.113 ON SEP 16	231 000	1958
1959	374 AT 13:30 EST ON APR 2	308 ON APR 2	0.538 ON AUG 13	878 000	1959
1960	425 AT 04:00 EST ON APR 4	391 ON APR 3	0.102 ON DEC 9	556 000	1960
1961	1728 AT 11:30 EST ON FEB 25	152 B ON FEB 25	0.017 ON NOV 14	318 000	1961
1962	163 AT 18:00 EST ON MAR 24	157 E ON MAR 25	0.045 ON FEB 2	286 000	1962
1963	654 AT 21:40 EST ON MAR 28 *	532 ON MAR 28	0.014 ON JUL 13 *	328 000	1963
1964	189 AT 18:30 EST ON DEC 25	148 ON APR 7	0.059 ON SEP 22	323 000	1964
1965	405 AT 12:00 EST ON APR 12	382 ON FEB 11	0.023 ON JUN 23	594 000	1965
1966	418 AT 17:40 EST ON DEC 7	331 ON DEC 8	0.017 ON JAN 18	527 000	1966
1967	374 AT 14:30 EST ON APR 3	276 ON JAN 26	0.040 ON DEC 5	849 000	1967
1968	530 AT 22:30 EST ON FEB 2	388 ON FEB 3	1.59 ON JUL 31	550 000	1968
1969	331 AT 21:06 EST ON APR 5	281 ON APR 5	0.851 ON JUL 15	604 000	1969
1970	337 AT 11:55 EST ON APR 9	289 ON APR 9	0.308E ON NOV 19	438 000	1970
1971	326 AT 10:55 EST ON APR 2	251 ON APR 2	0.552 ON DEC 8	408 000	1971
1972	274 AT 01:24 EST ON APR 14	221 ON APR 14	1.77 ON AUG 1	528 000	1972
1973	280 AT 20:44 EST ON MAR 11	281 ON MAR 12	1.99 ON AUG 31	811 000	1973
1974	351 AT 21:12 EST ON MAR 6	314 ON MAR 6	1.77 ON SEP 27	576 000	1974
1975	515 AT 22:28 EST ON APR 19	382 ON APR 19	1.45 ON OCT 23	579 000	1975
1976	343 AT 12:21 EST ON MAR 7	297 ON MAR 7	2.24 ON JUN 15	711 000	1976
1977	588 AT 23:53 EST ON MAR 13	558 ON MAR 14	2.09 ON MAY 31	844 000	1977
1978	354 AT 11:00 EST ON APR 11	331 ON APR 7	1.81 ON AUG 22	588 000	1978
1979	523 AT 04:56 EST ON APR 14	383 ON APR 14	2.23 ON JUL 24	736 000	1979
1980	303 AT 18:47 EST ON MAR 21	267 ON MAR 22	2.30 B ON FEB 13	432 000	1980
1981	385 AT 00:36 EST ON FEB 24	308 ON FEB 24	1.53 ON AUG 13	577 000	1981
1982	529 AT 15:28 EST ON APR 1	434 ON APR 1	2.25 ON AUG 20	788 000	1982
1983	171 AT 08:10 EST ON MAY 3	151 ON DEC 13	2.23 ON JUL 28	571 000	1983
1984	350 AT 23:21 EST ON FEB 14	303 ON FEB 15	2.28 ON AUG 8	853 000	1984
				517 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTH THAMES RIVER NEAR MITCHELL - STATION NO. 02GD014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	---	0.408	0.987	---	1953
1954	---	16.8	---	---	1.39	0.389	0.001	0	0	5.53	2.08	4.61	---	1954
1955	5.57	1.28	16.7	2.19	0.428	0.074	0	0	0	0.186	1.25	2.55	2.64	1955
1956	1.10	0.970	11.8	17.4	15.3	0.777	0.524	0.239	0.528	0.386	0.486	4.80	4.52	1956
1957	4.28	5.95	7.68	5.43	2.29	1.18	1.43	0.088	0.445	0.638	5.20	11.0	4.03	1957
1958	1.08	0.459	5.67	2.17	0.252	0.084	0.067	0.187	0.320	0.202	1.77	0.986	1.37	1958
1959	2.10	2.81	15.3	22.8	2.87	0.698	0.131	0.085	0.130	0.743	5.83	5.77	4.92	1959
1960	1.57	3.41	5.40	25.3	7.65	0.865	0.079	0.003	0.033	0.027	0.105	0.068	3.68	1960
1961	0.052	4.82	7.68	4.54	4.17	1.49	0.965	0.185	0.285	0.274	3.77	7.00	2.81	1961
1962	0.834	1.09	19.4	4.37	0.859	0.210	0.061	0.053	0.026	0.185	1.21	4.11	2.72	1962
1963	0.684	0.148	24.8	3.89	3.22	0.291	0.023	0.017	0.025	0.020	0.078	0.078	2.79	1963
1964	2.22	1.89	12.1	5.74	0.818	0.056	0.025	0.379	0.304	0.236	0.130	5.80	2.47	1964
1965	3.43	11.8	7.14	15.8	2.07	0.056	0.067	0.025	0.040	1.71	7.63	17.7	5.56	1965
1966	2.56	5.50	9.56	4.78	2.70	3.25	0.031	0.038	0.056	0.073	2.16	12.2	3.57	1966
1967	11.5	2.81	13.1	12.7	1.86	3.96	2.35	1.96	0.552	5.80	11.2	9.10	5.51	1967
1968	1.61	8.02	13.2	2.86	0.598	0.245	0.108	0.383	1.16	1.88	5.41	3.84	3.27	1968
1969	7.61	5.13	16.2	17.3	5.13	0.887	0.107	0.041	0.010	0.082	1.75	1.11	4.61	1969
1970	0.538	1.22	4.96	15.1	2.13	0.395	0.200	0.037	0.175	0.702	3.36	5.84	3.21	1970
1971	1.63	3.81	9.63	19.8	0.580	1.22	0.093	0.234	0.118	0.186	0.220	3.88	3.45	1971
1972	3.83	1.04	8.55	21.6	1.03	0.456	0.700	0.038	0.043	1.70	3.71	9.31	4.34	1972
1973	8.89	3.14	20.9	3.58	4.21	0.861	0.185	0.270	0.114	0.051	3.80	3.84	4.24	1973
1974	11.3	3.89	14.2	10.9	11.4	0.403	0.103	0.013	0.067	0.087	0.930	0.289	4.50	1974
1975	6.37	5.14	12.4	23.2	0.883	1.02	0.110	1.15	2.08	0.291	1.76	6.30	5.04	1975
1976	2.23	17.3	31.5	7.02	3.97	0.172	0.256	0.066	0.156	0.334	2.42	1.19	5.52	1976
1977	0.308	0.486	45.0	2.67	0.386	0.128	0.097	0.234	1.91	3.74	4.88	7.08	5.65	1977
1978	2.03	0.947	8.22	30.3	1.95	0.378	0.039	0.139	5.86	4.04	2.38	3.10	4.75	1978
1979	3.87	0.581	36.3	16.7	1.80	0.278	0.201	0.300	0.048	1.80	11.8	12.8	7.23	1979
1980	2.49	0.365	16.8	10.3	1.80	0.546	0.151	0.068	0.108	0.549	0.740	3.32	3.12	1980
1981	0.314	22.8	4.84	2.91	3.10	0.623	0.158	0.564	5.02	9.90	4.05	2.34	4.59	1981
1982	0.842	0.424	17.8	20.8	0.855	1.35	0.596	1.58	2.65	1.01	12.3	16.6	6.41	1982
1983	2.05	4.76	3.14	4.58	8.18	2.30	1.49	1.88	2.59	2.20	4.74	8.00	3.91	1983
1984	1.08	25.9	12.8	3.53	0.874	1.64	0.107	0.019	0.880	0.213	5.31	10.4	5.22	1984
MEAN	3.22	5.37	14.5	11.5	3.08	0.851	0.337	0.329	0.821	1.61	3.54	5.81	4.27	MEAN

LOCATION - LAT 43 27 00 N DRAINAGE AREA, 319 km²
LONG 81 12 20 W REGULATED

NORTH THAMES RIVER NEAR MITCHELL - STATION NO. 02GD014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1953	---	---	---	---	1953
1954	---	---	---	---	1954
1955	---	182 ON MAR 11	0 ON JUN 28 *	83 100	1955
1956	214 R AT 23:00 EST ON MAY 11	162 ON APR 4	0.028 ON AUG 21	143 000	1956
1957	---	101 ON DEC 21	0.057 ON AUG 4	127 000	1957
1958	---	26.6 ON MAR 27	0 ON AUG 29	43 100	1958
1959	148 R AT 19:00 EST ON APR 5	148 ON APR 2	0.028 ON AUG 10	155 000	1959
1960	209 R AT 16:00 EST ON APR 3	172 ON APR 3	0 ON JUL 27	116 000	1960
1961	---	83.3 ON DEC 5	0 ON AUG 17	91 800	1961
1962	---	118 ON MAR 29	0 ON JUL 17	85 700	1962
1963	---	271 ON MAR 27	0 ON JUL 13	88 000	1963
1964	---	54.1 ON DEC 25	0 ON JUL 1	78 200	1964
1965	* ---	90.98 ON FEB 10	0 ON AUG 22	175 000	1965
1966	---	191 ON DEC 7	0.011 ON AUG 6	113 000	1966
1967	---	207 ON JAN 25	0.026 ON SEP 13	205 000	1967
1968	---	127 E ON FEB 2	0.025 ON JUL 29	104 000	1968
1969	---	137 ON APR 5	0 ON SEP 20	145 000	1969
1970	205 AT 22:43 EST ON APR 6	144 ON APR 9	0.005 ON AUG 24	101 000	1970
1971	108 AT 17:55 EST ON APR 3	94.6 ON APR 3	0 ON JUL 4	108 000	1971
1972	153 AT 02:25 EST ON APR 17	100 ON APR 13	0 ON AUG 31	137 000	1972
1973	193 AT 18:06 EST ON MAR 11	82.1 ON MAR 11	0 ON SEP 7	134 000	1973
1974	289 AT 03:24 EST ON MAY 17	184 ON MAY 17	0 ON AUG 18	142 000	1974
1975	447 AT 05:18 EST ON APR 19 *	294 ON APR 19	0.005 ON AUG 2	159 000	1975
1976	281 AT 04:36 EST ON MAR 21	203 ON MAR 21	0.001 ON SEP 15	175 000	1976
1977	413 AT 23:48 EST ON MAR 12	360 ON MAR 13 *	0 E ON SEP 1	178 000	1977
1978	191 AT 21:18 EST ON APR 7	120 ON APR 7	0.028 ON JUL 13	150 000	1978
1979	233 AT 02:51 EST ON APR 14	184 ON APR 14	0.012 ON SEP 12	228 000	1979
1980	195 AT 14:02 EST ON MAR 21	150 ON MAR 21	0.028 ON AUG 25	86 800	1980
1981	148 AT 14:08 EST ON FEB 23	121 ON FEB 23	0.014 ON AUG 26	145 000	1981
1982	201 AT 21:44 EST ON MAR 31	185 ON MAR 31	0.089 ON JUL 15	202 000	1982
1983	52.8 AT 01:00 EST ON DEC 13	43.1 ON DEC 13	0.004 ON JUL 28	123 000	1983
1984	112 AT 18:50 EST ON DEC 29	98.08 ON FEB 14	0 ON AUG 1	165 000	1984
				133 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 1980

NORTH THAMES RIVER NEAR THORNDALE - STATION NO. 02GD015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	0.847	1.43	3.10	---	1953
1954	6.80	68.7	59.1	37.8	8.12	2.19	0.435	0.415	0.853	34.0	7.60	22.4	20.2	1954
1955	18.6	5.23	55.1	26.5	3.42	1.04	0.588	0.511	0.594	1.41	6.59	10.5	11.0	1955
1956	4.70	4.51	52.9	57.0	56.8	3.56	2.43	6.97	6.40	2.88	3.26	23.8	19.0	1956
1957	18.5	25.2	30.7	27.5	11.5	9.80	10.3	1.48	4.05	3.89	28.5	48.1	18.1	1957
1958	7.22	4.02	35.8	11.1	2.75	1.47	1.77	0.833	3.75	1.87	6.86	4.32	6.85	1958
1959	9.01	11.2	58.5	68.4	15.5	2.81	1.14	1.53	1.53	8.87	25.0	26.7	19.3	1959
1960	13.5	14.0	24.5	93.3	30.4	12.9	1.71	0.912	0.880	1.00	1.51	0.926	16.2	1960
1961	0.772	20.4	23.1	21.6	17.5	4.10	2.00	1.55	1.58	1.25	9.52	14.0	8.77	1961
1962	3.18	3.58	50.8	17.9	4.18	1.72	0.684	0.811	0.628	1.30	5.62	6.62	8.31	1962
1963	2.68	2.13	76.0	16.2	8.52	2.37	0.891	0.784	0.853	0.631	1.05	0.818	8.84	1963
1964	8.95	7.28	38.5	24.2	4.83	1.11	0.926	8.53	2.83	1.34	1.75	20.5	10.2	1964
1965	21.7	42.0	28.2	58.6	7.77	1.24	0.624	0.877	1.34	4.23	18.3	51.7	19.4	1965
1966	11.2	23.7	35.6	17.9	8.18	11.3	1.70	3.42	3.72	2.69	24.4	54.2	16.8	1966
1967	35.2	12.6	44.6	52.7	8.88	22.0	8.88	13.3	8.31	30.4	46.6	43.2	27.1	1967
1968	10.3	55.4	60.7	12.7	5.74	2.65	2.23	3.04	8.18	16.6	23.3	23.6	17.7	1968
1969	30.5	24.4	50.1	53.5	20.5	4.90	2.48	3.00	3.08	3.19	10.9	7.73	17.8	1969
1970	3.46	5.87	20.7	57.0	18.0	4.36	3.70	2.58	3.77	5.82	21.6	28.0	14.7	1970
1971	6.88	11.0	44.8	80.0	8.35	3.12	2.00	2.76	2.28	2.17	2.04	10.3	13.0	1971
1972	11.8	4.58	38.1	58.2	11.6	2.81	3.87	2.11	3.05	6.73	14.4	30.8	16.3	1972
1973	43.8	15.7	75.0	17.4	18.4	6.50	2.85	2.84	2.84	3.42	19.4	17.0	16.7	1973
1974	39.0	14.7	61.4	35.3	42.3	5.62	3.28	2.84	2.83	2.83	8.22	3.58	17.6	1974
1975	24.1	20.2	42.5	61.8	8.30	5.98	6.87	3.04	8.23	2.28	6.85	19.6	17.0	1975
1976	11.0	58.6	78.6	24.3	17.9	3.07	6.81	8.06	5.87	5.78	12.8	6.03	20.0	1976
1977	2.81	2.38	97.8	20.2	8.28	2.83	2.84	3.46	14.8	20.3	20.5	29.3	18.6	1977
1978	7.85	4.89	22.4	109	12.8	3.89	2.56	3.20	11.2	11.8	8.13	11.7	17.3	1978
1979	14.1	3.71	78.6	59.2	10.8	3.88	2.70	2.95	2.83	8.50	32.2	38.7	21.5	1979
1980	12.8	2.80	48.9	34.4	12.0	6.38	5.04	3.14	3.23	8.08	5.14	12.8	12.8	1980
1981	1.88	87.6	20.5	15.4	13.2	3.73	2.38	3.19	20.7	32.1	15.8	8.58	18.8	1981
1982	8.82	3.13	62.8	70.9	8.81	8.83	3.80	4.52	13.0	7.70	42.8	58.5	23.7	1982
1983	14.5	23.8	12.9	20.1	33.2	15.2	12.3	15.9	9.98	8.00	17.5	32.3	18.0	1983
1984	6.95	75.8	36.7	19.2	11.6	13.5	4.80	2.77	12.9	5.24	19.2	32.3	18.7	1984
MEAN	13.3	20.7	48.7	40.9	14.2	5.55	3.40	3.88	5.17	7.84	14.4	22.0	18.5	MEAN

LOCATION - LAT 43 08 57 N DRAINAGE AREA, 1 340 km²
LONG 81 11 30 W REGULATED

NORTH THAMES RIVER NEAR THORNDALE - STATION NO. 02GD015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)		MAXIMUM DAILY DISCHARGE (m³/s)		MINIMUM DAILY DISCHARGE (m³/s)		TOTAL DISCHARGE (dam³)	YEAR
1953	---		---		---		---	1953
1954	887 AT 21:00 EST ON FEB 16 *		521 ON OCT 16		0.388 ON JUL 7		837 000	1954
1955	---		255 E ON MAR 11		0.227 ON AUG 8 *		347 000	1955
1956	868 AT 24:00 EST ON MAY 11		447 ON MAY 12		0.863 ON AUG 3		802 000	1956
1957	473 AT 06:15 EST ON DEC 21		380 ON DEC 21		1.05 ON AUG 22		570 000	1957
1958	97.1 AT 06:00 EST ON MAR 27		84.4 ON MAR 27		0.566 ON AUG 20		216 000	1958
1959	447 AT 13:00 EST ON APR 2		382 ON APR 2		0.385 ON AUG 7		607 000	1959
1960	868 AT 00:30 EST ON APR 4		527 ON APR 3		0.521 ON AUG 28		512 000	1960
1961	142 AT 20:30 EST ON FEB 24		135 ON FEB 24		0.2638 ON JAN 24		308 000	1961
1962	---		122 B ON MAR 24		0.430 ON JUL 18		282 000	1962
1963	648 AT 02:00 EST ON MAR 28		555 ON MAR 27		0.476 ON JUL 10		305 000	1963
1964	178 AT 23:59 EST ON APR 6		172 ON DEC 28		0.430 ON JUL 7		322 000	1964
1965	603 AT 00:30 EST ON FEB 11		337 ON FEB 11		0.328 ON JUL 30		612 000	1965
1966	580 AT 13:00 EST ON DEC 7		478 ON DEC 7		0.668 ON JUL 13		522 000	1966
1967	510 AT 09:00 EST ON APR 3		365 ON APR 3		2.67 ON JUL 18		886 000	1967
1968	851 AT 16:20 EST ON FEB 2		501 ON FEB 2		1.08 ON JUN 19		582 000	1968
1969	377 AT 11:20 EST ON APR 5		300 ON APR 5		1.40 ON JUL 13		561 000	1969
1970	317 AT 08:00 EST ON APR 9		285 ON APR 9		1.37 ON JUL 3		483 000	1970
1971	303 AT 08:08 EST ON APR 2		270 ON APR 2		0.898 ON JUL 4		408 000	1971
1972	309 AT 08:58 EST ON APR 17		252 ON APR 17		1.11 ON AUG 5		517 000	1972
1973	291 AT 01:26 EST ON MAR 12		263 ON MAR 12		1.67 ON JUL 24		581 000	1973
1974	583 AT 10:37 EST ON MAY 17		445 ON MAY 17		1.93 ON OCT 31		554 000	1974
1975	714 AT 10:17 EST ON APR 19		552 ON APR 19		0.804 ON AUG 20		538 000	1975
1976	463 AT 20:52 EST ON MAR 5		285 ON MAR 21		1.38 ON JUN 15		634 000	1976
1977	711 AT 13:08 EST ON MAR 13		646 ON MAR 13 *		0.840 ON JUN 24		683 000	1977
1978	473 AT 15:40 EST ON APR 11		374 ON APR 11		1.83 ON SEP 2		544 000	1978
1979	588 AT 05:37 EST ON APR 14		505 ON APR 14		1.87 ON JUL 23		680 000	1979
1980	541 AT 17:12 EST ON MAR 21		408 ON MAR 21		2.02 ON JUL 28		388 000	1980
1981	423 AT 20:26 EST ON FEB 23		328 ON FEB 23		0.833 ON AUG 12		830 000	1981
1982	678 AT 00:57 EST ON APR 1		458 ON MAR 31		1.77 ON AUG 19		748 000	1982
1983	---		229 E ON DEC 13		1.74 ON JUL 27		589 000	1983
1984	---		280 B ON FEB 14		1.72 ON AUG 28		624 000	1984
							622 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

NORTH WEST GANARASKA RIVER NEAR OSACA - STATION NO. 02HD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	---	0.287	0.311	0.272	---	---	---	1958
1959	---	---	---	---	---	---	---	---	---	0.330	0.400	0.502	---	1959
1960	0.334	0.506	0.368	1.86	1.46	0.602	0.554	0.407	0.390	0.353	0.438	0.298	0.604	1960
1961	0.267	1.04	0.738	0.780	0.522	0.520	0.396	0.298	0.298	0.282	0.365	0.384	0.485	1961
1962	0.380	0.465	0.698	0.583	0.401	0.315	0.286	0.263	0.262	0.295	0.313	0.224	0.370	1962
1963	0.304	0.285	0.603	0.556	0.518	0.267	0.247	0.275	0.258	0.239	0.331	0.353	0.353	1963
1964	0.530	0.287	0.495	0.531	0.288	0.245	0.405	0.313	0.193	0.237	0.317	0.407	0.359	1964
1965	0.415	1.08	0.985	1.84	0.389	0.258	0.244	0.245	0.200	0.432	0.540	0.784	0.611	1965
1966	0.358	0.476	1.73	0.506	0.348	0.278	0.224	0.188	0.225	0.228	0.378	0.484	0.451	1966
1967	0.404	0.347	0.810	0.882	0.540	0.557	0.484	0.311	0.289	0.380	0.611	0.508	0.507	1967
1968	0.408	0.719	1.60	0.633	0.572	0.330	0.212	0.267	0.303	0.284	0.556	0.474	0.524	1968
1969	0.852	0.480	0.934	0.686	0.522	0.410	0.382	0.366	0.244	0.320	0.407	0.378	0.503	1969
1970	0.309	0.381	0.588	0.756	0.478	0.341	0.298	0.223	0.258	0.320	0.385	0.378	0.382	1970
1971	0.273	0.389	0.370	1.38	0.431	0.350	0.274	0.186	0.254	0.267	0.277	0.422	0.402	1971
1972	0.359	0.357	0.424	1.58	0.641	0.392	0.322	0.373	0.306	0.401	0.514	0.658	0.525	1972
1973	0.610	0.884	1.25	0.684	0.504	0.331	0.204	0.193	0.188	0.318	0.503	0.375	0.483	1973
1974	0.536	0.387	1.08	1.12	0.888	0.458	0.439	0.308	0.324	0.327	0.420	0.388	0.537	1974
1975	0.502	0.641	1.28	0.784	0.423	0.316	0.285	0.235	0.287	0.287	0.356	0.412	0.483	1975
1976	0.363	0.581	1.21	0.643	0.576	0.408	0.336	0.275	0.285	0.315	0.315	0.288	0.487	1976
1977	0.230	0.308	1.08	0.574	0.286	0.264	0.213	0.269	0.364	0.403	0.633	0.555	0.434	1977
1978	0.529	0.289	0.498	1.48	0.856	0.338	0.318	0.301	0.371	0.367	0.424	0.339	0.492	1978
1979	0.382	0.285	1.56	0.678	0.475	0.310	0.260	0.271	0.275	0.385	0.408	0.459	0.450	1979
1980	0.526	0.249	1.82	0.863	0.384	0.488	0.548	0.310	0.387	0.502	0.474	0.523	0.583	1980
1981	0.341	2.08	0.575	0.585	0.502	0.341	0.339	0.334	0.428	0.525	0.520	0.344	0.682	1981
1982	0.348	0.247	0.659	1.37	0.453	0.488	0.336	0.284	0.317	0.328	0.502	0.630	0.606	1982
1983	0.505	0.861	0.688	0.792	0.761	0.388	0.287	0.296	0.287	0.408	0.450	0.486	0.512	1983
1984	0.231	0.972	0.735	1.23	0.571	0.328	0.283	0.278	0.348	0.294	0.373	0.383	0.500	1984
MEAN	0.414	0.574	0.809	0.827	0.535	0.374	0.322	0.285	0.298	0.335	0.431	0.434	0.485	MEAN

LOCATION - LAT 44 01 04 N DRAINAGE AREA, 42.7 km²
LONG 78 26 23 W REGULATED

REMARKS - MINOR REGULATION BY PUMPING

NORTH WEST GANARASKA RIVER NEAR OSACA - STATION NO. 02HD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	10.8 ON MAY 9	0.2558 ON JAN 26	15 100	1960
1961	---	6.848 ON FEB 26	0.201 ON AUG 19	15 300	1961
1962	---	1.31 ON MAR 25	0.146 ON JUL 17	11 700	1962
1963	---	2.15 ON MAR 27	0.173 ON AUG 11	11 100	1963
1964	---	3.91 ON JUL 13	0.130 ON AUG 1	11 400	1964
1965	---	20.0 ON APR 7	0.1258 ON MAR 31	15 300	1965
1966	---	14.2 E ON MAR 1	0.127 ON AUG 1	14 200	1966
1967	---	3.438 ON MAR 12	0.1228 ON FEB 13	16 000	1967
1968	21.5 E AT 21:00 EST ON MAR 18	8.238 ON MAR 18	0.159 ON JUL 29	15 800	1968
1969	23.4 E AT 19:57 EST ON MAR 18	4.738 ON MAR 18	0.176 ON JUL 23	15 800	1969
1970	2.70 AT 13:32 EST ON APR 20	1.29 ON APR 20	0.181 ON AUG 17	12 400	1970
1971	5.21 AT 22:11 EST ON APR 9	3.09 ON APR 10	0.113 ON AUG 7	12 700	1971
1972	11.4 AT 12:00 EST ON APR 13	4.83 ON APR 13	0.1678 ON AUG 1	15 800	1972
1973	10.8 AT 22:30 EST ON MAR 7	4.87 ON MAR 7	0.110 ON JUL 24 *	15 200	1973
1974	14.6 AT 07:47 EST ON APR 4	8.41 ON MAR 5	0.1698 ON JAN 18	15 800	1974
1975	14.1 AT 20:25 EST ON MAR 18	7.80 ON MAR 19	0.1618 ON FEB 10	15 200	1975
1976	8.65 AT 07:34 EST ON MAR 21	6.29 ON MAR 21	0.231 ON AUG 24	14 800	1976
1977	14.0 AT 08:33 EST ON MAR 13	7.65 ON MAR 13	0.150 ON JUL 23	13 700	1977
1978	8.71 AT 17:38 EST ON APR 1	4.32 ON APR 7	0.218 ON JUL 18	15 500	1978
1979	10.0 AT 09:04 EST ON MAR 14	5.89 ON MAR 14	0.190 ON JUL 25	15 500	1979
1980	---	20.5 E ON MAR 21 *	0.1558 ON MAR 20	15 400	1980
1981	---	8.008 ON FEB 20	0.232 ON JUL 17	17 700	1981
1982	26.4 AT 18:47 EST ON MAR 31 *	8.82 ON MAR 31	0.2188 ON FEB 11	16 000	1982
1983	22.2 AT 01:00 EST ON FEB 3	5.86 ON FEB 3	0.236 ON JUL 27	16 100	1983
1984	25.5 AT 09:06 EST ON APR 5	10.9 E ON FEB 14	0.1608 ON JAN 20	15 800	1984
				15 300	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

NORTHWEST TRIBUTARY TO LAKE 239 NEAR KENORA - STATION NO. 05PD022

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR APR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	0.001	0	0.010	0.011	0.008	0.001	---	1970
1971	---	---	---	0.018	0.010	0.006	0.009	0.002	0.004	0.018	---	---	0.008	1971
1972	---	---	---	0.011	0.007	0.003	0.008	0.010	0.008	0.005	---	---	0.007	1972
1973	---	---	---	0.011	0.005	0.003	0.005	0.004	0.010	0.007	---	---	0.008	1973
1975	---	---	---	0.011	0.008	0.008	0.002	0	0.003	0.003	---	---	0.005	1975
1976	---	---	---	0.018	0.002	0.003	0	0	0	0	---	---	0.003	1976
1977	---	---	0	0.005	0.005	0.012	0.002	0	0.004	0.001	---	---	0.004	1977
1978	---	---	---	0.022	0.012	0.005	0.001	0.002	0.002	0.001	---	---	0.008	1978
1979	---	---	---	0.017	0.009	0.003	0	0	0	0	---	---	0.004	1979
1980	---	---	---	0.010	0.002	0.001	0.003	0.005	0.005	0.005	---	---	0.004	1980
1981	---	---	---	0.005	0.001	0.010	0.008	0.001	0.007	0.009	---	---	0.005	1981
1982	---	---	---	0.018	0.005	0.003	0.008	0	0.003	0.011	---	---	0.007	1982
1983	---	---	---	0.015	0.005	0.005	0.002	0	0	0	---	---	0.004	1983
1984	---	---	---	0.013	0.003	0.005	0	0	0	0.008	---	---	0.004	1984
MEAN	---	---	0	0.013	0.008	0.005	0.003	0.002	0.004	0.008	0.008	0.001	0.005	MEAN

LOCATION - LAT 49 40 00 N LONG 93 43 36 W
DRAINAGE AREA, 0.65 km²
NATURAL FLOW
DATA CONTRIBUTED BY - OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

NORTHWEST TRIBUTARY TO LAKE 239 NEAR KENORA - STATION NO. 05PD022

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR APR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	---	---	0 ON JUL 17 *	---	1970
1971	0.187 AT 04:15 CST ON JUL 1 *	0.125 ON JUL 1	0E ON APR 1	172	1971
1972	---	0.183 ON AUG 20 *	0 ON JUL 5	131	1972
1973	0.136 AT 23:52 CST ON APR 20	0.074 ON APR 21	0E ON APR 1	119	1973
1975	0.122 AT 14:02 CST ON JUN 22	0.085 ON JUN 22	0E ON APR 1	86.1	1975
1976	0.099 AT 14:20 CST ON APR 16	0.076 ON APR 16	0 ON APR 1	82.1	1976
1977	0.071 AT 19:48 CST ON JUN 15	0.042 ON JUN 16	0 ON APR 1	80.9	1977
1978	0.102 AT 17:22 CST ON APR 26	0.078 ON APR 26	0 ON APR 1	118	1978
1979	0.116 AT 03:10 CST ON APR 25	0.083 ON APR 25	0 ON APR 1	78.2	1979
1980	0.057 AT 11:58 CST ON APR 18	0.046 ON APR 19	0 ON APR 1	80.7	1980
1981	0.121E AT 23:52 CST ON SEP 6	0.060E ON JUL 3	0 ON MAY 20	104	1981
1982	---	0.132E ON APR 16	0E ON APR 3	131	1982
1983	0.088 AT 20:23 CST ON APR 11	0.048 ON APR 11	0 ON APR 1	71.9	1983
1984	0.089 AT 18:02 CST ON OCT 18	0.048 ON APR 8	0 ON MAY 25	75.4	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		101	MEAN

E - ESTIMATED

NOTTAWASAGA RIVER NEAR ALLISTON - STATION NO. 02ED101

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	3.97	---	---	1967
1968	---	---	---	4.49	2.80	2.08	1.83	2.58	2.78	2.38	4.72	3.08	---	1968
1969	---	---	10.6	10.2	5.08	2.05	1.83	1.45	1.22	1.58	2.27	2.19	---	1969
1970	2.08	1.81	3.33	10.8	3.23	1.51	2.54	1.12	1.51	1.93	2.53	3.24	2.85	1970
1971	1.58	2.89	3.11	9.29	2.25	1.67	1.38	1.39	1.12	1.24	1.50	3.02	2.51	1971
1972	2.40	1.80	2.88	12.1	3.03	2.81	1.55	1.24	1.15	2.01	2.40	2.80	3.01	1972
1973	4.31	3.33	12.0	8.08	4.07	2.09	1.38	1.75	1.15	1.75	3.25	2.59	3.85	1973
1974	5.01	4.55	9.51	7.43	5.78	2.31	1.71	1.39	1.41	1.58	2.12	1.81	3.70	1974
1975	1.83	3.78	5.00	7.75	4.29	2.14	1.63	1.45	1.53	1.71	1.90	2.35	2.82	1975
1976	2.15	7.41	10.8	5.00	3.73	2.09	2.01	1.71	2.28	---	---	1.77	---	1976
1977	---	---	10.1	3.85	1.80	---	---	2.82	2.83	3.82	3.49	3.77	---	1977
1978	---	---	---	11.8	4.10	2.23	1.58	1.52	---	---	---	---	---	1978
MEAN	2.74	3.80	7.48	8.05	3.85	2.11	1.70	1.67	1.70	1.98	2.82	2.85	3.12	MEAN

LOCATION - LAT 44 08 38 N LONG 79 53 21 W
DRAINAGE AREA, 334 km²
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

NOTTAWASAGA RIVER NEAR ALLISTON - STATION NO. 02ED101

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	32.8 ON MAR 21	---	---	1969
1970	31.1E AT 01:30 EST ON APR 8	28.3E ON APR 15	0.787B ON MAR 1	93 000	1970
1971	22.7E AT 19:00 EST ON APR 13	22.0E ON APR 13	0.785 ON AUG 8 *	78 100	1971
1972	32.8E AT 10:26 EST ON APR 19	31.4E ON APR 19	0.887 ON AUG 30	95 000	1972
1973	33.1 AT 11:12 EST ON MAR 8	27.9 ON MAR 8	0.863 ON SEP 6	115 000	1973
1974	43.8 AT 14:18 EST ON MAR 5 *	40.5 ON MAR 5 *	1.18 ON AUG 22	117 000	1974
1975	37.1 AT 17:11 EST ON APR 18	32.8 ON APR 19	1.18 ON AUG 3	92 100	1975
1976	33.1 AT 15:38 EST ON MAR 21	31.4 ON MAR 21	1.23 ON SEP 15	---	1976
1977	---	32.8 ON MAR 14	---	---	1977
1978	27.1 AT 08:53 EST ON APR 12	25.8 ON APR 13	---	---	1978
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		98 500	MEAN

NOTTAWASAGA RIVER NEAR BAXTER - STATION NO. 02ED003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1947	---	---	---	---	---	---	---	---	3.50	3.58	3.85	---	---	1947
1948	---	---	---	15.5	8.11	4.01	3.44	2.49	2.36	3.05	4.62	3.38	---	1948
1949	---	13.6	29.4	11.9	4.15	2.12	1.85	1.71	2.48	2.82	2.83	8.62	---	1949
1950	12.7	8.28	27.3	48.8	8.37	3.37	2.04	1.77	2.13	2.18	4.01	10.3	10.6	1950
1951	15.0	12.1	35.6	53.8	8.33	4.70	5.49	2.15	3.20	5.15	11.7	7.34	13.7	1951
1952	12.3	10.4	20.0	32.3	8.49	2.84	3.82	2.21	2.78	3.02	4.84	5.18	8.98	1952
1953	7.85	11.4	17.5	8.28	12.6	6.74	5.33	2.85	2.39	2.78	3.99	5.08	7.22	1953
1954	2.92	18.0	35.2	24.1	7.58	5.89	2.50	2.82	5.15	45.8	10.9	10.1	14.1	1954
1955	10.5	5.47	32.2	38.0	7.13	4.08	2.70	2.69	2.88	8.13	9.44	5.70	10.4	1955
1956	8.26	4.85	17.2	55.7	18.9	6.24	8.80	8.55	8.02	4.85	5.43	7.88	12.5	1956
1957	7.35	13.4	15.3	17.0	9.94	7.34	4.90	2.88	4.49	4.93	4.76	9.20	8.40	1957
1958	4.38	4.04	14.0	12.1	3.56	2.81	2.45	2.11	2.62	2.70	3.12	3.36	4.77	1958
1959	2.91	3.41	13.8	34.6	10.6	2.68	2.17	2.71	3.62	5.47	7.60	7.81	8.11	1959
1960	8.63	8.18	8.82	81.5	32.2	8.26	3.83	3.09	2.95	3.88	4.70	3.15	12.2	1960
1961	2.87	13.2	17.3	17.0	10.1	4.84	3.89	3.31	4.79	2.76	4.38	4.47	7.37	1961
1962	3.26	2.70	17.3	18.1	4.30	3.38	2.95	2.35	2.41	5.52	15.1	9.85	7.12	1962
1963	3.88	3.00	24.2	13.3	14.1	3.91	2.53	2.73	2.48	2.55	3.67	3.22	6.74	1963
1964	4.61	3.51	6.11	11.8	5.98	2.98	3.29	3.26	2.80	2.71	2.64	4.01	4.81	1964
1965	3.95	18.2	9.15	39.8	7.07	2.89	2.22	2.11	2.26	4.16	7.37	9.28	8.91	1965
1966	7.31	6.82	19.6	8.44	8.62	4.49	1.81	2.00	1.77	2.14	3.84	8.08	5.80	1966
1967	5.42	4.63	13.1	21.8	5.98	19.0	16.7	5.48	4.89	10.3	13.0	18.5	11.7	1967
1968	8.49	15.1	41.2	15.7	8.55	4.72	2.93	4.04	5.63	5.71	11.7	13.5	11.3	1968
1969	7.88	9.34	29.5	38.0	17.6	6.37	4.68	3.45	2.70	4.15	5.91	4.58	11.0	1969
1970	4.81	5.38	10.5	32.1	9.18	3.87	5.87	2.81	3.94	5.04	6.80	9.08	8.27	1970
1971	4.98	5.74	12.2	37.3	6.63	4.13	3.48	3.30	3.01	3.17	3.45	8.70	7.81	1971
1972	4.87	3.82	8.77	48.3	9.62	8.89	4.05	2.91	2.56	5.22	7.17	6.38	8.82	1972
1973	10.9	7.47	34.5	21.0	11.6	6.83	3.32	4.54	2.79	3.90	9.62	8.75	10.2	1973
1974	8.02	7.42	29.3	23.4	15.9	5.33	6.94	3.37	3.00	3.61	5.87	4.84	9.84	1974
1975	5.50	10.5	18.4	32.7	11.5	3.96	3.07	3.02	3.73	3.51	4.07	5.27	8.81	1975
1976	4.02	7.26	29.0	15.0	11.8	4.45	8.43	4.31	6.00	7.34	8.82	4.85	8.90	1976
1977	3.67	4.11	36.8	14.4	4.39	3.66	3.72	7.78	8.04	12.8	11.8	8.56	10.0	1977
1978	7.56	5.84	9.46	52.3	14.4	5.06	2.85	3.56	5.09	5.01	5.53	4.47	10.0	1978
1979	4.27	3.41	34.9	26.2	12.3	4.79	3.44	4.09	3.41	6.56	11.1	17.1	11.0	1979
1980	9.95	3.47	19.3	24.8	9.10	4.81	13.0	7.71	8.13	9.91	8.99	12.3	11.0	1980
1981	4.24	29.8	12.2	10.8	10.0	4.91	4.26	5.95	9.28	9.78	13.3	10.4	10.3	1981
1982	6.39	5.20	27.6	35.9	7.87	11.5	7.75	5.09	6.31	8.91	17.1	26.3	13.7	1982
1983	9.59	9.68	18.0	21.4	17.7	8.23	3.30	3.82	4.12	4.93	8.12	5.75	8.36	1983
1984	3.57	22.1	24.5	24.2	12.1	6.55	3.34	3.15	5.39	4.73	7.12	9.29	10.4	1984
MEAN	6.46	8.83	21.4	27.3	10.3	5.29	4.45	3.67	4.02	5.01	7.26	8.09	9.55	MEAN

LOCATION - LAT 44 14 58 N LONG 79 49 20 W DRAINAGE AREA, 1 180 km² NATURAL FLOW

NOTTAWASAGA RIVER NEAR BAXTER - STATION NO. 02ED003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1949	---	145 ON MAR 23	0.878 ON AUG 15 *	---	1949
1950	---	235 ON APR 4	1.16 ON AUG 13	335 000	1950
1951	---	267 ON APR 13 *	1.58 ON AUG 29	431 000	1951
1952	---	72.5 ON APR 1	1.30 ON AUG 22	284 000	1952
1953	---	83.1 ON MAR 4	1.73 ON AUG 3	228 000	1953
1954	---	254 ON OCT 16	1.70 ON JUL 21	445 000	1954
1955	---	118 ON MAR 11	2.01 ON AUG 4	329 000	1955
1956	---	186 ON APR 5	2.78 ON JUL 20	393 000	1956
1957	---	74.28 ON FEB 27	2.07 ON AUG 17	285 000	1957
1958	---	41.1 ON MAR 30	1.47 ON AUG 4	150 000	1958
1959	---	87.5 ON APR 2	1.61 ON JUL 17	256 000	1959
1960	---	175 ON APR 4	1.56 ON DEC 10	385 000	1960
1961	---	83.1 ON MAR 28	2.27 ON AUG 5	232 000	1961
1962	---	100 ON NOV 11	1.73 ON SEP 10	225 000	1962
1963	---	129 ON MAR 27	1.35 ON JUL 14	213 000	1963
1964	---	47.6 ON APR 8	2.24 ON JUL 25	148 000	1964
1965	---	114 ON APR 8	1.70 ON AUG 24	281 000	1965
1966	81.78 AT 12:10 EST ON JAN 1	45.28 ON JAN 1	1.04 ON JUL 21	186 000	1966
1967	73.8 AT 20:45 EST ON DEC 22	69.4 ON APR 1	2.52 ON JUN 6	388 000	1967
1968	139 AT 17:50 EST ON MAR 20	106 .8 ON MAR 19	1.77 ON AUG 16	356 000	1968
1969	107 AT 21:30 EST ON MAR 23	88.6 ON MAR 23	2.32 ON SEP 1	347 000	1969
1970	79.0 AT 03:21 EST ON APR 8	71.4 ON APR 9	2.41 A ON AUG 18	281 000	1970
1971	83.6 AT 17:04 EST ON APR 13	76.7 ON APR 13	2.20 ON AUG 21	246 000	1971
1972	172 AT 20:43 EST ON APR 14	152 ON APR 14	2.28 ON SEP 18	282 000	1972
1973	107 AT 10:31 EST ON MAR 8	88.6 ON MAR 8	2.28 ON JUL 24	322 000	1973
1974	142 AT 18:30 EST ON MAR 8	121 ON MAR 7	2.46 ON AUG 22	310 000	1974
1975	178 AT 03:03 EST ON APR 20 *	157 ON APR 20	2.02 ON AUG 20	278 000	1975
1976	143 AT 20:36 EST ON MAR 21	136 ON MAR 21	2.44 ON SEP 9	282 000	1976
1977	128 AT 15:06 EST ON MAR 11	121 ON MAR 14	2.11 ON JUL 28	315 000	1977
1978	117 AT 20:54 EST ON APR 7	88.6 ON APR 7	2.29 ON AUG 1	316 000	1978
1979	88.6 AT 14:02 EST ON APR 15	85.6 ON APR 15	2.47 ON JUL 23	348 000	1979
1980	114 AT 03:51 EST ON MAR 22	97.6 ON MAR 22	2.88 ON JUL 13	348 000	1980
1981	182 AT 21:30 EST ON FEB 21	112 ON FEB 21	2.71 ON JUL 18	324 000	1981
1982	164 AT 20:04 EST ON MAR 31	142 ON APR 1	3.11 ON AUG 19	432 000	1982
1983	92.8 AT 01:02 EST ON APR 11	46.0 ON APR 11	2.35 ON SEP 15	288 000	1983
1984	---	70.08 ON FEB 18	2.24 ON AUG 17	330 000	1984
				301 000	MEAN

A - MANUAL GAUGE B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
(SEE REFERENCE INDEX)

NOTTAWASAGA RIVER NEAR NICOLSTON - STATION NO. 02ED001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	---	3.64	4.87	7.14	5.79	---	1914
1915	5.53	8.51	22.4	18.3	8.20	3.12	4.38	7.50	6.62	6.88	6.93	6.44	8.57	1915
1916	19.2	12.4	20.4	41.0	12.8	8.80	3.16	1.92	2.12	4.05	5.35	5.27	11.4	1916
1917	4.67	5.02	26.1	17.7	7.73	5.58	12.2	2.91	2.74	---	---	---	---	1917
MEAN	9.80	8.64	23.6	25.7	8.84	6.17	6.58	4.11	3.78	5.30	6.47	5.83	8.88	MEAN

LOCATION - LAT 44 11 46 N DRAINAGE AREA, 1 080 km²
LONG 79 48 06 W REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

NOTTAWASAGA RIVER NEAR NICOLSTON - STATION NO. 02ED001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1914	---	---	---	---	1914
1915	---	86.8 ON MAR 25	1.84 ON JUL 1	270 000	1915
1916	---	145 ON MAR 30 *	1.36 ON AUG 14 *	361 000	1916
1917	---	114 ON MAR 26	---	---	1917
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		316 000	MEAN

O.A.C. FARM GAUGE NO. 2 NEAR MERLIN - STATION NO. 02GF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	---	---	---	---	---	---	0.008	---	1961
1962	---	---	---	0.020	0.062	0.012	0.006	0	0.001	0.003	0.073	0.014	---	1962
1963	---	---	---	0.196	0.150	0.023	0	0	0	0	0	0	---	1963
1964	---	---	---	0.155	0.029	---	0	0.005	0.001	0	0	---	---	1964
1965	---	---	---	0.095	0.030	0.007	0.001	0	0	0.004	---	---	---	1965
1967	---	---	---	---	---	0.005	---	---	0	---	---	---	---	1967
1968	---	---	---	---	---	---	0.040	---	---	0	0.027	0.178	---	1968
1969	---	---	---	0.348	---	---	---	0.083	0.001	0.008	0.152	0.086	---	1969
1971	---	---	0.134	0.042	0.001	0.003	0	0	0	0	0	0.027	---	1971
1972	---	---	---	---	0.037	0.008	0.016	0.012	0	0	0.153	---	---	1972
1973	---	---	0.448	0.084	0.048	0.048	0.008	0.004	0	0.005	0.048	0.114	---	1973
1974	0.078	0.154	0.489	0.124	0.128	0.007	0.015	0	0	0	0.006	0.234	0.103	1974
1975	0.235	0.245	0.172	0.036	0.017	0.033	0.002	0.004	0.015	0.011	0.005	0.083	0.071	1975
1976	0.048	0.553	0.288	0.074	0.089	0.018	0.058	0.001	0	0	0	0	0.083	1976
1977	0	0.008	0.463	0.494	0.033	0.002	---	---	---	---	---	---	---	1977
MEAN	0.090	0.240	0.332	0.152	0.058	0.015	0.013	0.008	0.002	0.002	0.042	0.074	0.088	MEAN

LOCATION - LAT 42 12 35 N DRAINAGE AREA, 11.4 km²
LONG 82 10 50 W NATURAL FLOW

O.A.C. FARM GAUGE NO. 2 NEAR MERLIN - STATION NO. 02GF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	4.18 AT 15:15 EST ON MAR 11	2.14 ON MAR 11	0 ON JAN 16 *	---	1973
1974	---	2.97E ON MAR 5	0E ON JAN 15	3 250	1974
1975	3.20 AT 08:04 EST ON FEB 24	2.32 ON FEB 24	0 ON JUL 7	2 230	1975
1976	11.6 AT 08:48 EST ON FEB 23 *	3.17 ON FEB 23 *	0 ON JUL 28	2 850	1976
1977	---	---	0 ON JAN 1	---	1977
				2 610	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

D.A.C. FARM GAUGE NO. 5 AT GUELPH - STATION NO. 02GA032

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	0.067	0.018	0.006	0.001	0	0	0	---	---	---	---	1966
1967	0.027	0.008	0.064	0.067	0.005	0.018	0.010	0	0	0.009	0.024	0.034	0.022	1967
1968	0.004	0.046	0.066	0.012	0.008	0.001	0.009	0.018	0.023	0.011	0.037	0.017	0.021	1968
1969	0.033	0.011	0.058	0.068	0.023	0.001	0	0	0	0	0.003	0.002	0.017	1969
1970	0.001	0.004	0.036	0.039	0.008	0	0.001	0	0.008	0.014	0.028	0.031	0.014	1970
1971	0.010	0.018	0.063	0.088	0.002	0	0	0	0	0	0	0.001	0.015	1971
1972	0.005	0.002	0.038	0.108	0.005	0.001	0.001	0	0	0.008	0.020	0.026	0.018	1972
1973	0.031	0.018	0.141	0.024	0.018	0.003	0	0.001	0	0	0.010	0.010	0.022	1973
1974	0.048	0.008	0.064	0.051	0.085	0.002	0	0	0	0.001	0.013	0.004	0.021	1974
1975	0.015	0.037	---	---	---	---	---	---	---	---	---	---	---	1975
1976	---	---	0.288	0.054	0.018	0.007	0.009	0.013	0.038	0.011	0.006	0.002	---	1976
1977	0.002	0.004	0.084	0.039	0.006	0.007	0.021	0.031	0.046	0.052	0.031	0.048	0.032	1977
1978	0.014	0.007	0.077	0.110	0.043	0.007	0.005	0.007	0.011	0.009	0.015	0.012	0.027	1978
1979	0.021	0.007	0.108	0.082	0.029	0.014	0.010	0.020	0.023	0.011	0.050	0.089	0.037	1979
1980	0.021	0.004	0.048	0.038	0.021	0.017	0.015	0.006	0.015	0.013	0.006	0.018	0.018	1980
1981	0.003	0.083	0.014	0.015	0.009	0.010	0.011	0.017	0.036	0.040	0.018	0.009	0.020	1981
1982	0.015	0.003	0.125	0.081	0.020	0.030	0.015	0.040	0.042	0.014	0.054	0.107	0.045	1982
1983	0.022	0.039	0.034	0.052	0.059	0.014	0.006	0.018	0.020	0.016	0.015	0.028	0.027	1983
1984	0.003	0.112	0.070	0.026	0.021	0.026	0.009	0.021	0.029	0.009	0.028	0.038	0.032	1984
MEAN	0.018	0.023	0.078	0.053	0.021	0.009	0.007	0.011	0.018	0.013	0.022	0.027	0.024	MEAN

LOCATION - LAT 43 31 53 N DRAINAGE AREA, 2.51 km²
LONG 80 18 18 W NATURAL FLOW

REMARKS - STATION DISCONTINUED DEC 31 1984

D.A.C. FARM GAUGE NO. 5 AT GUELPH - STATION NO. 02GA032

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	1.08 R AT 12:30 EST ON FEB 2	0.600 ON APR 3	0 ON MAY 25 *	705	1968
1969	0.953 AT 17:07 EST ON JAN 30	0.464 ON JAN 30	0 ON JAN 12	656	1969
			0 ON JUN 11	524	
1970	0.326 AT 01:03 EST ON DEC 4	0.188 ON DEC 4	0 ON JUN 6	451	1970
1971	1.01 AT 01:20 EST ON APR 2	0.566 ON APR 2	0 ON MAY 18	473	1971
1972	0.943 AT 08:40 EST ON APR 13	0.600 ON APR 13	0 ON JAN 17	562	1972
1973	1.18 AT 07:00 EST ON MAR 11	0.595 ON MAR 11	0 A ON JUN 19	678	1973
1974	2.07 AT 20:18 EST ON MAY 16	1.00 ON MAY 17	0 ON FEB 16	662	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	4.38 AT 18:20 EST ON AUG 18 *	1.87 ON MAR 18 *	0.001 ON DEC 5	1 000	1977
1978	2.81 AT 13:38 EST ON MAY 13	0.681 ON MAR 5	0.001E ON JAN 10	837	1978
1979	3.43 AT 21:58 EST ON AUG 23	0.861 ON MAR 4	0.003 ON JUL 15	1 180	1979
			0.003 ON FEB 14		
1980	1.81 AT 15:28 EST ON MAY 19	0.430 ON MAR 21	0.002 ON FEB 3	589	1980
1981	3.37 AT 04:46 EST ON SEP 4	0.615 ON SEP 4	0.002 ON JAN 12	841	1981
1982	4.24 AT 20:31 EST ON DEC 5	1.01 ON MAR 31	0.001 ON FEB 1	1 420	1982
1983	1.38 AT 16:07 EST ON MAY 2	0.605 ON MAY 2	0.003 ON JUN 21	861	1983
1984	3.46 AT 03:25 EST ON FEB 14	1.25 ON FEB 14	0.003 ON JAN 1	1 020	1984
				786	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX) E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

D.W.R.C. RESEARCH STATION NO. 1 NEAR STAYNER - STATION NO. 02ED008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1964	---	---	---	---	---	---	---	---	---	---	---	0.004	---	1964
1965	0.003	---	---	---	---	0.003	0.003	0.002	0.002	0.003	0.004	0.004	---	1965
1966	---	---	0.011	0.007	---	0.005	0.004	0.004	0.004	0.005	0.006	0.005	---	1966
1967	0.006	0.006	0.008	0.009	0.007	0.006	0.010	0.010	---	---	---	---	---	1967
1968	0.006	---	---	---	---	---	0.006	---	---	0.007	---	---	---	1968
1969	---	---	---	0.017	---	---	---	---	---	---	---	---	---	1969
1970	0.008	---	---	---	---	---	---	---	---	0.007	---	---	---	1970
1971	---	0.007	0.007	---	0.008	0.008	0.008	0.008	0.006	0.007	---	---	---	1971
MEAN	0.007	0.007	0.008	0.011	0.008	0.007	0.008	0.008	0.004	0.006	0.005	0.004	---	MEAN

LOCATION - LAT 44 22 42 N
LONG 80 05 51 W NATURAL FLOW

D.W.R.C. RESEARCH STATION NO. 1 NEAR STAYNER - STATION NO. 02ED006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	---	0.040 ON MAR 14	0.003A ON JAN 7 *	---	1966
1967	---	0.051 ON AUG 28 *	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

D.W.R.C. RESEARCH STATION NO. 2 NEAR STAYNER - STATION NO. 02ED006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	0	0	0	0	0	0	0	0	---	---	1966
1967	---	---	0	0	0	0	0	0	0	0.001	0.001	0	---	1967
1968	---	---	---	0.001	0	0	0	0	0	0	0.001	0.001	---	1968
1969	---	0	0.001	0.002	0.001	0.001	0	0.001	0.001	0.001	---	---	---	1969
1970	---	---	---	---	0.001	0.001	0.001	0.001	0.001	0.001	---	---	---	1970
1971	---	---	---	0.003	0.001	0	0	0	0	0.001	0.001	---	---	1971
MEAN	---	0	0.001	0.001	0.001	0	0	0	0	0.001	0.001	0.001	---	MEAN

LOCATION - LAT 44 22 38 N
LONG 80 05 47 W NATURAL FLOW

D.W.R.C. RESEARCH STATION NO. 2 NEAR STAYNER - STATION NO. 02ED006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	0.002 ON MAR 28	0A ON JAN 3 *	---	1967
1968	---	0.017 ON MAR 18 *	0A ON JAN 2	---	1968
1969	---	0.005 ON APR 5	0 ON JAN 14	---	1969
1970	---	---	---	---	1970
1971	---	0.009 ON APR 12	0 ON FEB 18	---	1971
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

OAKVILLE CREEK AT MILTON - STATION NO. 02HB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	1.98	3.03	3.68	2.01	---	---	0.334	0.274	---	---	---	---	1957
1958	---	---	---	---	---	---	---	---	---	0.232	0.203	0.215	---	1958
1959	0.212	0.207	2.34	3.56	0.727	0.287	0.237	0.200	0.098	0.200	0.489	0.800	0.780	1959
1960	0.759	0.842	1.23	5.81	3.70	1.13	0.545	0.287	0.188	0.201	0.265	0.187	1.26	1960
1961	0.126	0.882	1.57	2.27	1.84	0.983	0.491	0.751	0.483	0.261	0.424	0.463	0.880	1961
1962	0.291	0.300	1.59	1.37	0.543	0.412	0.323	0.277	0.365	0.802	1.52	1.20	0.735	1962
1963	0.559	0.368	2.59	1.57	1.48	0.574	0.187	0.147	0.081	0.106	0.180	0.180	0.871	1963
1964	0.384	0.310	1.37	1.89	1.14	0.388	0.456	0.451	- 0.505	0.331	0.329	0.848	0.683	1964
1965	1.08	3.10	1.78	4.38	1.24	0.437	0.550	0.380	0.388	0.761	1.21	1.84	1.38	1965
1966	1.57	1.64	2.35	1.43	1.15	0.852	0.240	0.238	0.189	0.308	0.436	1.65	0.987	1966
1967	1.11	0.939	1.85	4.40	1.20	1.19	1.31	0.385	0.822	0.886	0.817	1.43	1.32	1967
1968	0.677	2.35	3.08	1.73	1.20	0.781	0.428	0.872	0.658	0.724	1.54	1.81	1.34	1968
1969	1.50	1.51	2.70	3.88	1.85	0.828	0.433	0.398	0.308	0.812	1.01	0.485	1.26	1969
1970	0.559	0.822	1.12	2.48	1.37	0.505	0.434	0.388	---	---	1.37	1.82	---	1970
1971	0.927	1.31	2.47	3.36	0.898	0.671	0.432	0.681	0.670	0.268	0.127	0.683	1.08	1971
1972	0.951	0.700	1.77	4.88	1.52	0.980	1.13	0.570	0.485	0.878	1.45	1.44	1.40	1972
1973	1.82	1.65	5.24	2.38	1.83	0.711	0.384	0.384	0.346	0.467	1.50	1.87	1.53	1973
1974	2.33	1.75	3.22	2.70	4.41	1.52	0.851	0.422	0.740	0.498	0.800	0.498	1.61	1974
1975	0.780	1.48	2.71	2.53	1.52	0.805	0.413	0.472	1.07	0.485	0.777	1.22	1.19	1975
1976	0.949	3.56	5.31	2.94	2.80	0.884	0.818	0.563	1.19	0.436	0.531	0.386	1.68	1976
1977	0.313	0.463	4.15	2.82	1.02	0.591	0.580	0.880	1.61	2.08	1.48	1.89	1.48	1977
1978	1.18	1.47	2.81	4.04	1.81	0.756	0.267	0.148	0.436	0.822	0.870	0.702	1.25	1978
1979	0.805	0.683	3.86	4.08	2.21	0.823	0.498	0.438	0.398	0.825	0.954	2.10	1.48	1979
1980	1.75	0.480	1.78	3.18	1.72	0.824	0.422	0.383	0.487	0.488	0.488	0.620	1.03	1980
1981	0.218	2.11	1.01	0.783	0.821	0.335	0.328	0.414	1.43	1.42	1.58	0.822	0.819	1981
1982	0.727	0.447	2.85	4.83	0.980	1.48	0.598	0.853	0.751	0.881	1.82	2.86	1.58	1982
1983	1.58	2.03	2.18	2.57	2.51	1.01	0.422	0.444	0.385	0.418	0.835	1.40	1.31	1983
1984	0.680	3.22	2.55	3.24	1.84	0.984	0.503	0.378	0.388	0.327	0.508	0.883	1.28	1984
MEAN	0.915	1.35	2.54	3.05	1.88	0.783	0.503	0.432	0.588	0.570	0.848	1.10	1.20	MEAN

LOCATION - LAT 43 30 19 N DRAINAGE AREA, 95.8 km^2
LONG 79 51 48 W REGULATED

OAKVILLE CREEK AT MILTON - STATION NO. 02HB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)		TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---		---	1957
1958	---	---	---		---	1958
1959	12.8 AT 08:00 EST ON APR 3	10.3 ON APR 3	0.016 ON AUG 28 *	D	24 600	1959
1960	25.0 AT 17:30 EST ON APR 3	15.1 ON APR 4	0.082 ON SEP 15		38 800	1960
1961	11.7 AT 02:00 EST ON FEB 28	4.81 ON FEB 28	0.082 ON FEB 8		27 100	1961
1962	18.3 AT 09:45 EST ON NOV 10	7.82 ON NOV 10	0.085 ON SEP 15		23 200	1962
1963	10.4 AT 18:00 EST ON MAR 21	8.17 ON MAR 27	0.023 ON SEP 18		21 200	1963
1964	9.15 AT 17:45 EST ON MAR 14	5.32 ON APR 30	0.127 ON JAN 1		21 600	1964
1965	19.2 AT 14:30 EST ON FEB 10	11.9 ON APR 12	0.201 ON OCT 5		43 800	1965
1966	9.53 AT 13:00 EST ON DEC 10	8.40 ON DEC 10	0.130 ON OCT 30		31 100	1966
1967	21.4 AT 02:30 EST ON APR 3	15.5 ON APR 3	0.153 ON DEC 5		41 800	1967
1968	21.4 AT 13:00 EST ON FEB 2	13.5 ON FEB 3	0.320 ON AUG 18		42 500	1968
1969	16.4 AT 13:30 EST ON APR 18	9.00 ON APR 18	0.229 ON OCT 12		39 700	1969
1970	7.87 AT 15:56 EST ON APR 2	4.13 ON APR 2	---		---	1970
1971	15.7 AT 20:30 EST ON MAR 15	7.39 ON MAR 15	0.102 ON NOV 7		33 500	1971
1972	18.1 AT 11:08 EST ON APR 13	12.8 ON APR 15	0.215 ON MAY 28		44 200	1972
1973	24.2 AT 13:32 EST ON MAR 14	13.0 ON MAR 14	0.201 ON OCT 25		48 300	1973
1974	44.5 AT 22:48 EST ON MAY 18 *	20.5 ON MAY 17 *	0.311 ON OCT 3		50 900	1974
1975	20.8 AT 20:43 EST ON FEB 24	10.3 ON FEB 24	0.235 ON OCT 15		37 400	1975
1976	20.8 AT 17:32 EST ON MAR 19	8.88 ON MAY 7	0.210 ON OCT 15		53 500	1976
1977	24.2 AT 03:32 EST ON MAR 13	15.0 ON MAR 13	0.2928 ON FEB 9		48 800	1977
1978	---	11.0 E ON MAR 22	0.017 ON AUG 28		39 800	1978
1979	13.8 AT 03:05 EST ON APR 14	10.1 ON DEC 25	0.218 ON SEP 7		48 000	1979
1980	17.8 AT 18:58 EST ON APR 14	9.15 ON MAR 21	0.3008 ON DEC 27		32 800	1980
1981	10.8 AT 18:25 EST ON AUG 30	5.63 ON FEB 20	0.1808 ON JAN 5		29 000	1981
1982	17.5 AT 11:25 EST ON APR 3	13.6 ON APR 3	0.3208 ON FEB 12		48 100	1982
1983	13.1 AT 05:55 EST ON APR 10	6.58 ON APR 10	0.243 ON OCT 30		41 300	1983
1984	20.0 AT 07:30 EST ON APR 5	12.3 ON FEB 14	0.224 ON OCT 4		39 700	1984
					37 900	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OGOKI RIVER ABOVE WHITECLAY LAKE - STATION NO. 04GB004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	---	59.6	138	295	191	---	1971
1972	118	88.5	84.6	80.7	158	137	81.7	81.7	78.6	83.7	93.2	78.2	93.3	1972
1973	57.3	46.1	41.8	47.8	178	138	147	150	130	108	105	88.3	103	1973
1974	84.8	84.4	48.4	48.1	273	538	282	167	163	144	128	107	170	1974
1975	83.2	88.8	84.8	44.1	180	201	137	98.5	70.1	60.2	66.5	58.7	83.8	1975
1976	48.8	41.7	36.7	82.3	187	110	78.7	48.1	33.8	28.8	22.5	20.1	58.3	1976
1977	41.7	40.0	39.6	47.8	143	122	141	131	154	131	86.7	83.8	97.8	1977
1978	73.6	83.6	84.3	51.5	180	261	188	147	124	108	95.8	87.6	118	1978
1979	85.1	48.7	47.1	48.5	185	180	116	81.5	125	125	122	101	98.1	1979
1980	78.1	83.4	53.1	50.3	133	80.5	53.0	42.1	38.1	76.8	85.2	88.5	88.7	1980
1981	58.0	48.1	45.3	50.8	108	112	88.0	82.2	41.6	33.8	30.8	30.5	60.0	1981
1982	30.7	30.0	29.8	30.7	97.7	186	115	85.8	71.8	80.8	121	114	81.4	1982
1983	85.8	84.1	56.8	50.0	88.2	105	223	184	85.0	84.3	84.1	84.0	83.4	1983
1984	83.7	88.8	49.8	84.8	213	207	184	119	73.1	80.1	82.8	78.8	101	1984
MEAN	88.3	88.2	47.8	48.8	188	182	142	108	88.2	88.2	88.3	82.1	85.4	MEAN

LOCATION - LAT 50 52 00 N DRAINAGE AREA, 11 200 km^2
LONG 88 55 50 W NATURAL FLOW

OGOKI RIVER ABOVE WHITECLAY LAKE - STATION NO. 04GB004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	200 AT 15:38 EST ON MAY 22	188 ON MAY 21	46.4 ON APR 23	2 950 000	1972
1973	208 AT 18:51 EST ON MAY 18	206 ON MAY 18	37.1 ON APR 13	3 280 000	1973
1974	614 AT 22:28 EST ON MAY 31 *	612 ON MAY 31 *	44.7E ON APR 18	5 350 000	1974
1975	238 AT 18:55 EST ON MAY 24	238 ON MAY 22	41.3 ON APR 15	2 980 000	1975
1976	182 AT 22:42 EST ON MAY 14	181 ON MAY 14	19.0E ON DEC 31 *	1 840 000	1976
1977	176 AT 09:40 EST ON SEP 21	175 ON SEP 21	38.1E ON MAR 1	3 090 000	1977
1978	317 AT 23:23 EST ON JUN 15	314 ON JUN 15	48.7E ON APR 14	3 770 000	1978
1979	209 AT 18:31 EST ON MAY 25	208 ON MAY 25	46.1 ON APR 11	3 130 000	1979
1980	156 AT 18:12 EST ON MAY 20	153 ON MAY 17	37.4 ON SEP 19	2 210 000	1980
1981	---	123E ON JUL 6	30.2 ON NOV 26	1 890 000	1981
1982	197 AT 11:57 EST ON MAY 28	176 ON JUN 3	28.4 ON MAR 6	2 570 000	1982
1983	274 AT 17:16 EST ON JUL 16	265 ON JUL 17	46.2 ON APR 23	2 950 000	1983
1984	233 AT 10:40 EST ON MAY 11	233 ON MAY 13	45.5 ON APR 11	3 210 000	1984
				3 010 000	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OGOKI RIVER AT WABOOSE FALLS DAM - STATION NO. 04GB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	---	---	---	35.5	122	154	184	123	195	528	312	205	---	1941
1942	135	81.1	62.8	72.3	171	137	82.7	37.1	151	142	104	88.7	102	1942
1943	35.5	32.0	28.3	39.3	133	188	242	81.2	22.1	0	0	0	87.3	1943
1944	0	0	0	0	0	80.2	9.80	277	175	59.9	21.4	75.8	58.8	1944
1945	57.8	52.6	42.9	129	74.7	2.67	5.67	0	0	0	0	0	30.3	1945
1946	0	0	0	0	112	37.8	0	0	0	0	0	0	12.8	1946
1947	0	0	0	0	28.0	159	0	0	0	0	0	0	15.4	1947
1948	0	0	0	0	0	0	0	0	0	0	0	0	0	1948
1949	0	0	0	0	7.35	18.2	0	0	0	0	0	0	2.12	1949
1950	0	0	0	0	174	564	357	188	7.08	43.0	5.18	3.54	112	1950
1951	2.47	2.30	2.71	29.1	248	208	107	10.9	8.98	10.8	4.62	3.56	53.4	1951
1952	2.91	2.34	2.46	25.1	187	203	247	215	135	180	178	27.1	118	1952
1953	0	0	0	0	0	0	88.7	183	152	122	0	0	45.9	1953
1954	0	0	0	0	209	739	317	42.2	0	0	0	0	108	1954
1955	0	0	0	0	0	0	0	0	0	0	0	0	0	1955
1956	0	0	0	0	0.811	38.0	0	0	0	0	0	0	3.03	1956
1957	0	0	0	0	0	0	144	8.14	0	0	0	0	13.0	1957
1958	0	0	0	0	0	0	0	0	0	0	0	0	0	1958
1959	0	0	0	0	0	8.78	0.265	0	0	0	0	0	0.580	1959
1960	0	0	0	0	0	0	0	0	0	0	0	0	0	1960
1961	0	0	0	0	0	0	0	0	0	0	0	0	0	1961
1962	0	0	0	0	0	0	0	0	0	0	0	0	0	1962
1963	0	0	0	0	0	0	0	0	0	0	0	0	0	1963
1964	0	0	0	0	0	8.42	132	0	0	0	0	0	11.7	1964
1965	0	0	0	0	0	0	0	0	0	0	0	0	0	1965
1966	0	0	0	0	0	45.2	172	44.2	0	0	0	0	22.2	1966
1967	0	0	0	0	0	0	0	0	0	0	0	0	0	1967
1968	0	0	0	0	0	2.52	141	288	232	220	2.62	0	74.5	1968
1969	0	0	0	0	0	27.7	221	320	38.0	0	0	0	51.4	1969
1970	0	0	0	0	0	0	0	0	0	0	198	141	28.3	1970
1971	2.80	0	0	0	28.1	58.0	8.85	0	0	0	0	0	7.96	1971
1972	0	0	0	0	0	0	0	0	0	0	0	0	0	1972
1973	0	0	0	0	0	0	0	0	0	0	0	0	0	1973
1974	0	0	0	0	39.9	602	337	131	2.13	0	0	0	92.6	1974
1975	0	0	0	0	0	0	0	0	0	0	0	0	0	1975
1976	0	0	0	0	0	0	0	0	0	0	0	0	0	1976
1977	0	0	0	0	0	0	0	0	0	0	0	0	0	1977
1978	0	0	0	0	0	0	0	0	0	0	0	0	0	1978
1979	0	0	0	0	0	0	0	0	0	0	0	0	0	1979
1980	0	0	0	0	0	0	0	0	0	0	0	0	0	1980
1981	0	0	0	0	0	0	0	0	0	0	0	0	0	1981
1982	0	0	0	0	0	0	0	0	0	0	0	0	0	1982
1983	0	0	0	0	0	0	0	0	0	0	0	0	0	1983
1984	0	0	0	0	0	0	0	0	0	0	0	0	0	1984
MEAN	5.50	3.99	3.28	7.51	34.4	74.1	62.7	44.3	25.4	29.7	18.8	11.9	23.9	MEAN

LOCATION - LAT 50 45 20 N
LONG 87 59 40 W

DRAINAGE AREA, 13 600 km²
REGULATED SINCE 1943

DATA CONTRIBUTED BY -
ONTARIO HYDRO

OGOKI RIVER AT WABOOSE FALLS DAM - STATION NO. 04GB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	---	595 ON OCT 11	---	---	1941
1942	---	190 ON MAY 22	0 ON JUL 24 *	3 230 000	1942
1943	---	284 ON JUL 13	0 ON MAY 30	2 120 000	1943
1944	---	386 ON AUG 10	0 ON JAN 1	1 800 000	1944
1945	---	233 ON APR 30	0 ON MAY 17	358 000	1945
1946	---	236 ON MAY 16	0 ON JAN 1	388 000	1946
1947	---	343 ON JUN 23	0 ON JAN 1	487 000	1947
1948	---	0 ON JAN 1	0 ON JAN 1	0	1948
1949	---	163 ON JUN 5	0 ON JAN 1	65 800	1949
1950	---	1 320 ON MAY 31 *	0 ON JAN 1	3 540 000	1950
1951	---	405 ON MAY 10	2.15 ON FEB 6	1 690 000	1951
1952	---	1 120 ON JUN 2	0 ON DEC 11	3 680 000	1952
1953	---	334 ON JUL 28	0 ON JAN 1	1 450 000	1953
1954	---	1 070 ON JUN 1	0 ON JAN 1	3 440 000	1954
1955	---	0 ON JAN 1	0 ON JAN 1	0	1955
1956	---	130 ON JUN 6	0 ON JAN 1	95 600	1956
1957	---	271 ON JUL 14	0 ON JAN 1	409 000	1957
1958	---	0 ON JAN 1	0 ON JAN 1	0	1958
1959	---	83.6 ON JUN 25	0 ON JAN 1	18 300	1959
1960	---	0 ON JAN 1	0 ON JAN 1	0	1960
1961	---	0 ON JAN 1	0 ON JAN 1	0	1961
1962	---	0 ON JAN 1	0 ON JAN 1	0	1962
1963	---	0 ON JAN 1	0 ON JAN 1	0	1963
1964	---	306 ON JUL 5	0 ON JAN 1	372 000	1964
1965	---	0 ON JAN 1	0 ON JAN 1	0	1965
1966	---	251 ON JUL 22	0 ON JAN 1	698 000	1966
1967	---	0 ON JAN 1	0 ON JAN 1	0	1967
1968	---	348 ON AUG 9	0 ON JAN 1	2 350 000	1968
1969	---	337 ON AUG 30	0 ON JAN 1	1 820 000	1969
1970	---	258 E ON NOV 24	0 ON JAN 1	883 000	1970
1971	---	71.1 ON JUN 6	0 ON JAN 15	261 000	1971
1972	---	0 ON JAN 1	0 ON JAN 1	0	1972
1973	---	0 ON JAN 1	0 ON JAN 1	0	1973
1974	---	885 ON JUN 11	0 ON JAN 1	2 930 000	1974
1975	---	0 ON JAN 1	0 ON JAN 1	0	1975
1976	---	0 ON JAN 1	0 ON JAN 1	0	1976
1977	---	0 ON JAN 1	0 ON JAN 1	0	1977
1978	---	0 ON JAN 1	0 ON JAN 1	0	1978
1979	---	0 ON JAN 1	0 ON JAN 1	0	1979
1980	---	0 ON JAN 1	0 ON JAN 1	0	1980
1981	---	0 ON JAN 1	0 ON JAN 1	0	1981
1982	---	0 ON JAN 1	0 ON JAN 1	0	1982
1983	---	0 ON JAN 1	0 ON JAN 1	0	1983
1984	---	0 ON JAN 1	0 ON JAN 1	0	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		755 000	MEAN

E - ESTIMATED

OGOKI RIVER DIVERSION TO LAKE NIPIGON - STATION NO. 02AD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1943	0	0	0	0	0	0	20.5	50.2	90.8	115	114	98.3	41.8	1943
1944	88.3	75.0	58.0	52.8	74.3	150	147	13.1	0	81.8	34.3	33.5	89.5	1944
1945	50.8	34.0	35.3	35.7	71.2	140	188	134	88.7	75.2	75.8	73.1	83.8	1945
1946	88.2	81.0	82.3	78.7	211	277	227	108	88.5	101	180	158	132	1946
1947	107	81.8	83.2	81.8	174	178	215	88.7	88.8	82.7	73.4	73.4	108	1947
1948	78.2	81.8	82.8	88.2	201	218	217	180	108	88.7	82.4	105	123	1948
1949	80.8	82.1	84.0	88.1	268	238	123	112	73.4	73.3	82.8	88.7	114	1949
1950	87.1	78.8	70.1	88.4	300	0	0	20.8	180	88.5	125	128	83.8	1950
1951	80.8	71.1	60.3	47.0	78.5	38.8	84.3	105	85.8	182	171	220	101	1951
1952	133	87.3	77.8	34.8	0.433	0	0	0	0	0	0	72.5	34.8	1952
1953	147	80.1	83.7	84.8	88.2	201	200	4.58	4.69	85.2	182	121	103	1953
1954	180	122	90.8	82.0	135	0	4.34	136	134	142	148	184	113	1954
1955	112	85.2	72.8	81.3	220	288	238	127	86.7	78.8	88.3	103	131	1955
1956	84.7	85.7	72.4	88.8	118	351	278	183	108	87.3	89.4	104	135	1956
1957	86.5	88.1	81.5	86.8	198	235	20.3	152	90.8	83.8	121	88.0	107	1957
1958	88.5	85.8	86.8	74.5	183	240	172	130	113	171	206	185	138	1958
1959	120	81.2	72.1	74.2	112	282	329	229	188	151	128	112	167	1959
1960	87.0	73.4	82.3	85.0	118	208	178	111	76.2	88.4	84.3	88.2	87.4	1960
1961	87.0	88.3	87.8	84.5	183	308	185	114	85.8	70.5	78.2	82.5	114	1961
1962	72.1	80.1	86.8	85.5	84.4	212	214	187	174	128	93.3	75.4	118	1962
1963	70.1	82.2	87.1	84.1	90.1	187	189	252	228	133	88.0	70.8	120	1963
1964	88.3	83.0	87.5	82.4	229	284	128	284	250	285	218	145	171	1964
1965	110	88.8	78.4	73.2	117	178	180	148	115	137	178	188	131	1965
1966	135	110	82.7	82.7	187	425	83.4	228	133	87.0	87.8	87.3	140	1966
1967	88.8	85.0	87.8	84.0	93.8	288	224	134	91.2	88.0	88.7	82.3	101	1967
1968	80.9	87.8	80.4	88.0	205	367	195	37.8	80.9	83.8	312	200	138	1968
1969	133	111	90.3	86.1	211	377	88.5	0	312	218	181	131	180	1969
1970	101	81.8	88.1	82.5	120	234	194	210	212	281	20.1	128	144	1970
1971	153	111	83.8	87.1	204	282	186	134	89.3	114	243	247	182	1971
1972	186	116	87.5	77.1	138	181	131	104	104	108	118	103	118	1972
1973	84.8	87.1	81.5	83.1	147	194	190	193	178	141	132	116	131	1973
1974	91.8	74.7	84.4	82.8	108	0	0	82.4	203	211	204	148	104	1974
1975	110	89.8	78.4	86.2	142	240	215	144	104	88.2	87.0	78.8	120	1975
1976	82.8	84.7	81.0	86.1	183	182	124	85.7	88.5	47.8	38.1	31.1	77.8	1976
1977	28.8	28.8	34.2	46.0	119	183	152	158	188	187	122	118	108	1977
1978	84.4	78.7	84.8	81.0	115	275	280	188	178	141	107	80.0	137	1978
1979	80.8	80.2	47.8	83.0	115	184	138	131	138	143	134	124	110	1979
1980	86.7	77.8	82.7	83.9	121	123	80.0	84.0	43.8	80.8	72.1	74.8	78.7	1980
1981	87.8	81.8	88.8	84.0	83.4	124	113	83.2	88.3	41.8	28.4	24.2	84.8	1981
1982	21.8	18.8	23.3	28.8	74.4	182	148	107	84.8	102	123	128	88.4	1982
1983	105	84.1	88.8	80.0	87.8	111	188	211	138	88.4	82.0	78.7	108	1983
1984	73.3	88.2	87.0	84.8	173	232	204	147	104	78.1	73.4	82.1	113	1984
MEAN	88.4	71.4	82.0	83.8	137	188	183	128	118	111	118	108	112	MEAN

LOCATION - LAT 50 38 15 N
LONG 88 12 30 W

REGULATED SINCE 1943

DATA CONTRIBUTED BY -
ONTARIO HYDRO

OGOKI RIVER DIVERSION TO LAKE NIPIGON - STATION NO. 02AD009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1943	---	140 ON OCT 24	0 ON JAN 1 *	1 310 000	1943
1944	---	183 ON JUN 6	0 ON MAY 18	2 070 000	1944
1945	---	230 ON JUL 13	31.4 ON FEB 11	2 850 000	1945
1946	---	309 ON JUN 2	5.12 ON AUG 3	4 170 000	1946
1947	---	320 ON JUN 26	37.9 ON APR 16	3 390 000	1947
1948	---	234 ON JUN 4	39.6 ON OCT 6	3 500 000	1948
1949	---	326 ON JUN 6	41.6 ON JUN 7	3 590 000	1949
1950	---	326 ON MAY 26	0 ON MAY 31	2 650 000	1950
1951	---	343 ON JUN 2	0 ON APR 21	3 200 000	1951
1952	---	170 ON DEC 31	0 ON JUN 1	1 090 000	1952
1953	---	331 ON JUL 19	4.39 ON AUG 14	3 240 000	1953
1954	---	274 ON MAY 25	0 ON JUN 1	3 570 000	1954
1955	---	334 ON JUN 17	10.3 ON JUN 15	4 140 000	1955
1956	---	368 ON JUN 13	65.4 ON APR 30	4 270 000	1956
1957	---	273 ON JUN 1	0 ON JUN 30	3 360 000	1957
1958	---	257 ON JUN 7	61.4 ON APR 10	4 350 000	1958
1959	---	371 ON JUN 28	66.8 ON MAR 28	4 940 000	1959
1960	---	230 ON JUN 18	24.0 ON JUN 9	3 050 000	1960
1961	---	340 ON JUN 4	54.7 ON NOV 8	3 800 000	1961
1962	---	236 ON JUN 24	36.0 ON DEC 12	3 750 000	1962
1963	---	292 ON AUG 28	34.8 ON NOV 24	3 790 000	1963
1964	---	408 ON JUL 31	0 ON JUN 28	5 410 000	1964
1965	---	189 ON JUL 4	69.1 ON APR 6	4 130 000	1965
1966	---	450 ON JUN 14 *	0 ON JUL 9	4 400 000	1966
1967	---	348 ON JUN 15	44.2 ON FEB 16	3 200 000	1967
1968	---	402 ON JUL 9	0 ON JUL 26	4 310 000	1968
1969	---	450 ON SEP 4	0 ON JUL 10	5 050 000	1969
1970	---	378 ON DEC 17	0 ON JUL 15	4 530 000	1970
1971	---	286 ON NOV 27	76.2 ON SEP 27	5 120 000	1971
1972	---	202E ON JAN 1	75.0 ON APR 19	3 750 000	1972
1973	---	208 ON JUN 4	55.2 ON APR 13	4 130 000	1973
1974	---	303 ON OCT 24	0 ON MAY 27	3 280 000	1974
1975	---	262 ON JUN 23	83.1 ON APR 9	3 790 000	1975
1976	---	183 ON MAY 24	27.8 ON NOV 7	2 460 000	1976
1977	---	181 ON OCT 5	28.3 ON FEB 9	3 410 000	1977
1978	---	314 ON JUN 25	57.8 ON APR 24	4 320 000	1978
1979	---	202 ON JUL 26	0 ON JUL 20	3 460 000	1979
1980	---	142 ON MAY 29	37.1 ON OCT 29	2 430 000	1980
1981	---	129 ON JUN 16	0 ON AUG 26	2 030 000	1981
1982	---	175 ON JUN 21	19.7 ON FEB 11	2 720 000	1982
1983	---	241 ON JUL 30	52.9 ON APR 17	3 450 000	1983
1984	---	238 ON JUN 19	48.0 ON NOV 8	3 580 000	1984
				3 550 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ONAPING RIVER NEAR LEVACK - STATION NO. 02CF010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	3.22	2.06	5.22	41.5	29.6	10.3	2.77	1.65	2.58	3.45	2.96	2.76	8.90	1976
1977	2.30	2.35	9.70	37.1	11.1	3.53	2.30	1.90	5.93	15.7	27.8	12.9	11.0	1977
1978	5.42	4.10	4.10	14.0	40.9	8.02	3.85	4.07	9.40	22.6	7.76	5.08	10.9	1978
1979	3.84	3.02	10.2	54.4	69.8	19.1	12.9	5.80	5.44	12.5	21.8	15.2	19.6	1979
1980	8.19	4.14	4.31	37.9	31.6	8.36	3.92	3.01	4.17	9.37	7.16	4.03	10.5	1980
1981	2.83	4.06	8.09	44.5	10.9	4.48	6.98	2.12	2.91	8.97	7.47	5.24	9.02	1981
1982	4.08	3.15	4.36	26.5	27.9	5.44	3.05	1.64	7.01	17.9	16.9	16.1	11.1	1982
1983	8.88	8.22	7.71	29.2	38.1	26.7	3.93	1.82	1.98	10.3	9.59	8.22	13.0	1983
1984	5.47	5.30	5.03	27.8	13.9	15.9	11.0	4.69	4.91	8.96	17.4	12.6	11.0	1984
MEAN	4.84	3.71	6.30	36.7	30.5	12.0	5.65	2.98	4.93	12.0	13.2	9.13	11.7	MEAN

LOCATION - LAT 48 35 00 N DRAINAGE AREA, 1 570 km^2
LONG 81 22 61 W REGULATED

REMARKS - INCLUDES ONAPING LAKE BASIN. EXTREME HIGH WATER SPILLED INTO SPANISH RIVER SYSTEM.

ONAPING RIVER NEAR LEVACK - STATION NO. 02CF010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	84.1 AT 11:38 EST ON APR 19	83.0 ON APR 19	1.04 ON SEP 6 *	281 000	1976
1977	97.5 AT 13:20 EST ON APR 22	96.6 ON APR 21	1.29 ON AUG 16	348 000	1977
1978	89.5 AT 02:40 EST ON MAY 15	83.6 ON MAY 15	2.07 ON AUG 22	343 000	1978
1979	141 AT 15:55 EST ON APR 27 *	137 ON APR 27 *	2.618 ON FEB 21	617 000	1979
1980	85.4 AT 04:08 EST ON MAY 9	83.9 ON MAY 9	2.26 ON SEP 6	332 000	1980
1981	96.6 AT 04:35 EST ON APR 5	92.3 ON APR 6	1.81 ON AUG 29	284 000	1981
1982	78.4 AT 06:25 EST ON APR 26	73.6 ON APR 26	1.06 ON AUG 21	361 000	1982
1983	86.6 AT 08:02 EST ON APR 15	81.8 ON APR 15	1.08 ON SEP 15	410 000	1983
1984	80.8 AT 11:58 EST ON APR 17	80.6 ON APR 17	3.36 ON SEP 6	349 000	1984
				388 000	MEAN

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OPICHUAN RIVER AT KELLOW LAKE - STATION NO. 04GD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	18.3	21.7	21.4	---	---	---	---	1969
1970	---	---	---	---	---	17.8	22.0	12.8	19.3	---	---	---	---	1970
1971	---	---	---	---	---	---	---	13.3	8.49	15.7	15.7	---	---	1971
1972	---	---	---	---	---	9.42	7.85	7.44	8.80	---	---	---	---	1972
1973	---	---	---	---	---	---	---	---	13.5	10.8	11.1	9.56	---	1973
1977	3.17	2.74	2.56	6.52	14.1	9.80	14.6	10.9	15.1	---	---	---	---	1977
MEAN	3.17	2.74	2.56	6.52	14.1	12.3	15.1	13.0	13.8	13.3	13.9	9.56	---	MEAN

LOCATION - LAT 51 05 40 N DRAINAGE AREA, 1 170 km²
LONG 87 50 40 W NATURAL FLOW

OPICHUAN RIVER AT KELLOW LAKE - STATION NO. 04GD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1977	---	19.0 ON SEP 18 *	---	---	1977
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

OSHAWA CREEK AT OSHAWA - STATION NO. 02HD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	1.30	0.586	0.482	0.466	0.577	0.814	0.861	0.820	---	1959
1960	0.609	1.40	2.37	5.18	4.22	1.14	0.840	0.840	0.587	0.645	0.766	0.641	1.58	1960
1961	0.580	2.47	1.64	1.30	1.17	1.06	0.675	0.811	0.514	0.485	0.627	0.743	1.00	1961
1962	0.578	0.360	2.39	0.887	0.570	0.498	0.448	0.346	0.474	0.463	0.654	0.557	0.687	1962
1963	0.520	0.496	2.16	0.893	0.842	0.486	0.536	0.473	0.531	0.400	0.653	0.457	0.707	1963
1964	0.834	0.583	1.42	0.897	0.584	0.497	0.989	0.953	0.433	0.499	0.523	0.758	0.748	1964
1965	0.803	2.36	2.37	4.10	1.85	0.858	0.813	0.477	0.455	0.986	1.58	1.43	1.45	1965
1966	0.890	1.01	2.60	1.14	0.795	0.822	0.352	0.434	0.422	0.429	0.913	1.13	0.884	1966
1967	0.922	0.491	2.06	2.19	1.04	0.861	1.08	0.839	0.685	0.987	1.42	1.47	1.17	1967
1968	1.00	1.86	3.36	1.22	1.17	0.808	0.501	0.821	0.726	0.578	0.928	0.838	1.14	1968
1969	1.85	0.882	2.01	2.33	1.48	0.959	0.848	0.898	0.480	0.584	0.845	0.784	1.11	1969
1970	0.538	0.483	2.02	2.04	0.922	0.551	0.867	0.574	0.588	0.887	0.837	0.844	0.804	1970
1971	0.802	1.19	1.83	3.80	0.819	1.74	1.22	0.788	0.892	0.814	0.882	1.02	1.23	1971
1972	1.05	0.800	1.92	5.71	1.56	0.873	0.788	0.882	0.750	1.03	1.34	1.64	1.61	1972
1973	2.03	1.63	4.21	2.26	1.42	0.892	0.654	0.853	0.587	0.723	0.978	0.718	1.40	1973
1974	1.54	0.932	2.36	2.12	1.87	0.965	1.24	0.553	0.637	0.671	0.808	0.731	1.19	1974
1975	0.840	2.90	2.35	2.02	0.970	0.782	0.832	0.578	0.718	0.819	0.734	0.778	1.35	1975
1976	0.880	1.98	3.57	1.80	1.58	1.01	0.957	0.775	0.685	0.693	0.634	0.561	1.24	1976
1977	0.433	0.558	2.98	1.33	0.638	0.807	0.625	0.772	0.971	1.05	1.57	2.39	1.17	1977
1978	1.38	0.887	2.30	4.01	1.57	0.748	0.877	0.654	0.885	0.988	0.873	0.855	1.28	1978
1979	---	---	---	---	---	---	---	---	---	---	---	---	---	1979
1980	1.18	0.568	4.79	2.20	0.782	0.710	0.781	0.548	0.808	0.776	0.606	1.12	1.25	1980
1981	0.702	3.47	1.02	0.913	0.940	0.662	0.652	0.709	1.10	1.14	1.15	0.801	1.09	1981
1982	0.848	0.541	3.80	2.50	0.881	1.12	0.598	0.988	0.636	0.890	1.12	1.18	1.18	1982
1983	1.08	1.43	1.35	1.78	1.49	0.708	0.540	0.613	0.615	0.778	0.981	1.03	1.03	1983
1984	0.381	3.22	2.44	2.20	1.24	0.898	0.634	0.881	0.880	0.892	0.983	0.977	1.24	1984
MEAN	0.906	1.35	2.46	2.30	1.24	0.821	0.718	0.648	0.637	0.720	0.930	0.965	1.14	MEAN

LOCATION - LAT 43 55 49 N DRAINAGE AREA, 95.8 km²
LONG 78 53 29 W NATURAL FLOW

REMARKS - RELOCATED 1964 AND 1979

OSHAWA CREEK AT OSHAWA - STATION NO. 02HD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	---	36.3 ON MAY 9	0.425B ON JAN 21	50 000	1960
1961	---	19.4 ON FEB 23	0.348 ON AUG 2	31 800	1961
1962	---	8.34 ON MAR 19	0.201 ON AUG 31 *	21 700	1962
1963	---	12.9 ON MAR 25	0.294 ON AUG 8	22 300	1963
1964	---	8.91 ON AUG 25	0.334 ON AUG 7	23 700	1964
1965	52.7 AT 19:30 EST ON APR 7	26.3 ON APR 7	0.367 ON JUL 31	45 600	1965
1966	84.6 AT 04:00 EST ON MAR 1	27.6 ON MAR 1	0.280 ON JUL 22	28 200	1966
1967	29.4 AT 20:00 EST ON MAR 26	8.07 ON APR 3	0.348B ON FEB 25	37 000	1967
1968	35.1 AT 17:30 EST ON FEB 2	21.5 ON FEB 2	0.436 ON JUL 20	36 100	1968
1969	35.1 AT 15:36 EST ON AUG 1	12.1 ON APR 16	0.411 ON SEP 29	35 100	1969
1970	10.9 AT 20:36 EST ON APR 2	4.81 ON MAR 23	0.425B ON FEB 15	28 500	1970
1971	83.3 AT 05:36 EST ON JUN 26	28.9 ON JUN 26	0.445 ON DEC 30	28 700	1971
1972	37.9 AT 09:32 EST ON APR 13	29.2 ON APR 13	0.479B ON DEC 4	50 900	1972
1973	32.6 AT 14:56 EST ON FEB 2	17.3 ON MAR 4	0.340B ON DEC 16	44 100	1973
1974	78.3 AT 03:30 EST ON MAR 5	28.3 ON MAR 5	0.334B ON NOV 29	37 500	1974
1975	82.7 AT 21:47 EST ON FEB 24	39.6 ON FEB 24	0.413 ON AUG 19	38 400	1975
1976	30.0 AT 19:26 EST ON MAR 20	18.1 ON MAR 21	0.396B ON DEC 13	38 200	1976
1977	---	14.1 E ON MAR 13	0.340B ON FEB 23	36 800	1977
1978	25.5 AT 04:54 EST ON APR 7	16.6 ON APR 7	0.398E ON SEP 26	38 900	1978
1979	---	1.61A ON NOV 23	---	---	1979
1980	145 E AT 20:16 EST ON MAR 21 *	59.9 E ON MAR 21 *	0.453 ON JUL 19	39 400	1980
1981	---	16.5 B ON FEB 20	0.491 ON JUL 16	34 300	1981
1982	44.5 AT 17:36 EST ON MAR 31	20.0 ON MAR 31	0.340E ON JUL 10	37 100	1982
1983	13.0 AT 01:07 EST ON JAN 11	9.10 ON FEB 3	0.470 ON JUL 27	32 400	1983
1984	---	42.0 B ON FEB 14	0.220B ON JAN 23	39 200	1984
				38 100	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OTONABEE RIVER AT LAKEFIELD - STATION NO. 02HJ002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	74.0	50.3	43.7	40.5	31.2	37.7	45.9	85.9	84.8	---	1962
1963	82.4	83.2	86.3	110	113	48.3	46.5	48.3	51.4	---	---	---	---	1963
1965	---	---	---	---	137	31.7	28.7	29.8	40.4	73.3	117	167	---	1965
1966	148	97.3	112	91.4	78.3	74.1	26.6	22.3	24.7	27.2	46.7	204	76.3	1966
1967	118	124	81.3	118	91.4	118	178	87.1	47.5	144	235	145	120	1967
1968	141	138	104	88.6	35.2	31.3	20.2	25.7	24.4	32.9	37.6	81.0	64.8	1968
1969	71.2	88.3	44.5	178	197	68.8	50.0	28.1	21.0	35.0	67.6	83.9	76.5	1969
1970	83.5	85.2	61.0	129	71.6	35.8	56.3	34.8	39.0	57.4	72.3	89.0	65.3	1970
1971	87.4	82.7	78.5	198	119	36.0	37.8	25.7	28.6	36.7	32.3	86.3	68.8	1971
1972	93.0	88.0	86.0	158	182	85.5	78.0	52.4	37.7	67.7	135	127	89.2	1972
1973	148	141	182	244	114	46.8	30.2	30.0	22.7	48.7	78.7	111	89.4	1973
1974	113	128	80.8	245	241	86.7	34.9	27.1	29.7	74.8	114	118	105	1974
1975	113	78.8	137	181	105	28.8	17.3	15.9	28.4	18.7	33.8	52.4	67.2	1975
1976	88.5	82.4	180	288	128	34.8	46.2	33.8	42.1	38.3	50.9	86.4	87.8	1976
1977	86.6	81.2	98.6	106	30.6	16.0	16.8	18.8	27.6	87.8	81.5	142	60.2	1977
1978	126	92.1	87.2	181	155	29.1	21.5	24.8	42.4	84.8	80.8	78.7	78.5	1978
1979	81.2	89.1	169	218	114	51.0	30.2	32.7	32.6	63.7	93.0	152	94.8	1979
1980	128	84.9	76.8	267	89.8	40.6	52.8	89.6	44.7	80.2	105	109	87.1	1980
1981	83.4	133	133 R	123 R	82.9R	53.2R	29.5R	33.2R	67.8R	81.4R	106 R	70.2R	81.8R	1981
1982	84.3	77.2	76.6	226	72.9	82.3	34.8	33.0	42.1	82.8	146	226	97.6	1982
1983	162	82.1	48.0	133	232	83.8	20.4	27.1	24.9	30.9	88.4	84.6	80.6	1983
MEAN	105	92.3	94.8R	166 R	114 R	61.6R	42.8R	32.9R	36.1R	55.6R	89.6R	111 R	83.8	MEAN

LOCATION - LAT 44 28 13 N
LONG 78 16 15 W
DRAINAGE AREA, 7 360 km^2
REGULATED

R - REVISED SINCE JAN 1980

OTONABEE RIVER AT LAKEFIELD - STATION NO. 02HJ002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1962	---	---	---	---	1962
1963	---	212 ON APR 5	20.9 ON JUN 28	---	1963
1965	---	---	---	---	1965
1966	---	317 ON DEC 13	11.2 ON OCT 9	2 410 000	1966
1967	---	340 ON JUL 6	24.2 ON SEP 17	3 770 000	1967
1968	---	198E ON JAN 1	9.49 ON JUN 23	3 050 000	1968
1969	---	314 ON MAY 23	15.7 ON AUG 23	2 410 000	1969
1970	---	200 ON APR 25	11.9 ON AUG 28	2 080 000	1970
1971	380 AT 13:34 EST ON APR 24	357 ON APR 25	15.6 ON AUG 18	3 170 000	1971
1972	314 AT 08:30 EST ON APR 28	308 ON APR 27	31.1 ON SEP 7	3 140 000	1972
1973	388 AT 14:05 EST ON APR 9	374 ON APR 9	13.3 E ON JUL 18	3 130 000	1973
1974	---	328 ON MAY 19	10.8 ON SEP 10	3 310 000	1974
1975	286 AT 13:00 EST ON APR 28	284 ON APR 28	8.20E ON AUG 23 *	2 120 000	1975
1976	447 AT 11:57 EST ON APR 7 *	446 ON APR 7 *	15.0 E ON JUN 14	2 770 000	1976
1977	183E AT 20:00 EST ON APR 10	182E ON APR 9	11.9 E ON MAY 17	1 800 000	1977
1978	323 AT 19:00 EST ON MAY 20	317 ON MAY 20	13.8 ON AUG 3	2 480 000	1978
1979	360 AT 02:39 EST ON APR 7	358 ON APR 7	14.3 ON AUG 14	2 980 000	1979
1980	340 AT 10:18 EST ON APR 18	338 ON APR 18	15.5 ON MAY 28	2 750 000	1980
1981	313R AT 13:46 EST ON MAR 3	275 ON FEB 27	23.6 R ON JUN 20	2 580 000R	1981
1982	341 AT 14:08 EST ON APR 21	324 ON APR 22	22.9 ON AUG 19	3 080 000	1982
1983	314 AT 14:11 EST ON MAY 17	308 ON MAY 13	13.3 E ON JUL 13	2 540 000	1983
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 650 000R	MEAN
	E - ESTIMATED	R - REVISED SINCE JAN 1980			

OTOSKWIN RIVER BELOW BADESDAWA LAKE - STATION NO. 04FA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	47.0	51.8	43.5	---	1966
1967	27.5	19.7	17.5	26.3	172	284	93.4	73.6	29.3	21.4	26.5	24.2	85.0	1967
1968	20.8	17.9	15.7	40.8	243	323	250	197	160	194	186	70.1	142	1968
1969	38.8	27.2	21.5	71.9	207	303	268	178	248	307	135	78.8	158	1969
1970	47.3	31.5	23.6	23.9	178	188	186	178	208	185	157	80.6	126	1970
1971	49.6	33.2	25.2	93.2	307	121	92.3	155	51.5	93.1	177	88.5	108	1971
1972	52.4	34.1	25.4	32.8	281	131	134	116	113	198	105	56.0	107	1972
1973	35.7	26.7	23.0	46.3	167	93.1	134	122	117	108	85.0	49.7	84.4	1973
1974	33.0	24.9	20.2	22.6	293	517	148	146	237	129	92.7	52.2	143	1974
1975	39.3	25.7	18.3	23.6	241	169	84.5	174	100	53.4	58.5	38.6	86.6	1975
1976	27.7	21.7	18.2	73.5	157	76.6	36.0	20.1	18.8	25.9	21.7	15.6	42.8	1976
1977	11.8	9.83	8.86	42.2	138	107	155	117	142	99.4	57.0	36.8	77.6	1977
1978	28.5	21.8	17.1	17.3	216	236	130	144	140	81.9	67.3	38.8	95.2	1978
1979	23.5	18.8	17.4	41.2	259	139	127	147	253	193	229	92.0	128	1979
1980	47.1	32.3	25.2	42.6	131	63.6	40.0	30.7	78.7	118	67.3	32.7	58.3	1980
1981	19.5	15.2	14.1	20.4	130	119	85.5	24.7	15.8	22.5	37.2	26.4	42.7	1981
1982	18.4	15.0	15.8	18.5	316	232	101	78.4	73.9	111	81.8	41.3	82.5	1982
1983	22.9	17.0	14.7	19.3	81.8	86.3	173	53.0	25.5	30.8	38.2	22.0	46.5	1983
1984	26.8	20.2	14.6	68.4	151	152	72.1	39.0	27.8	44.3	67.8	50.1	61.2	1984
MEAN	31.7	23.0	18.7	40.3	203	184	128	110	113	108	88.8	50.4	92.6	MEAN

LOCATION - LAT 51 49 20 N DRAINAGE AREA, 9 010 km^2
LENG 89 36 00 W REGULATED

OTOSKWIN RIVER BELOW BADESDAWA LAKE - STATION NO. 04FA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	510E ON MAY 29	17.0 B ON MAR 7	2 080 000	1967
1968	---	408 ON JUN 17	15.0 B ON MAR 16	4 490 000	1968
1969	394 AT 14:00 EST ON JUN 8	391 ON JUN 11	19.1 B ON APR 7	4 870 000	1969
1970	326 AT 17:53 EST ON JUL 22	323 ON JUL 22	21.0 B ON APR 12	3 840 000	1970
1971	378 AT 13:15 EST ON MAY 12	374 ON MAY 13	23.7 B ON MAR 24	3 390 000	1971
1972	---	340E ON MAY 17	21.4 B ON APR 8	3 380 000	1972
1973	194 AT 23:36 EST ON MAY 12	192 ON MAY 11	21.4 B ON APR 13	2 860 000	1973
1974	612 AT 19:30 EST ON JUN 13 *	612 ON JUN 13 *	17.1 B ON A. 13	4 510 000	1974
1975	314 AT 12:33 EST ON MAY 12	306 ON MAY 12	15.0 B ON APR 15	2 740 000	1975
1976	188 AT 15:38 EST ON MAY 3	187 ON MAY 2	13.5 B ON DEC 31	1 350 000	1976
1977	244 AT 04:20 EST ON JUL 25	244 ON JUL 25	8.47B ON MAR 25 *	2 450 000	1977
1978	328 AT 17:35 EST ON MAY 17	320 ON MAY 17	14.3 B ON APR 14	3 000 000	1978
1979	338 AT 15:45 EST ON MAY 21	335 ON MAY 21	15.0 B ON MAR 17	4 060 000	1978
1980	185 AT 17:58 EST ON MAY 8	184 ON MAY 8	17.5 ON AUG 17	1 840 000	1980
1981	188 AT 17:42 EST ON MAY 17	187 ON MAY 17	13.6 B ON MAR 26	1 350 000	1981
1982	405 AT 18:07 EST ON MAY 21	402 ON MAY 21	15.1 B ON MAR 10	2 920 000	1982
1983	273 AT 13:39 EST ON JUL 11	255 ON JUL 11	14.0 B ON APR 9	1 470 000	1983
1984	183 AT 09:10 EST ON MAY 18	180 ON MAY 7	13.6 B ON MAR 25	1 930 000	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 920 000	MEAN
	E - ESTIMATED				

OTTAWA RIVER AT BRITANNIA - STATION NO. 02KF005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	1 780R	1 080R	714R	744R	817R	800R	---	1980
1981	784R	682R	706R	1 150R	1 420R	1 030R	880R	775R	772R	885R	782R	848R	901R	1981
1982	928R	968R	846R	1 570R	1 920R	903R	550R	474R	484R	537R	582R	534R	880R	1982
1983	534R	591R	847R	1 510R	1 180R	877R	608R	481R	608R	575R	650R	811R	784R	1983
1984	898R	871R	1 000R	1 480R	1 470R	1 130R	805R	582R	494R	574R	608R	894R	881R	1984
1985	773R	781R	827R	1 200R	2 150R	988R	634R	771R	1 220R	2 020R	1 480R	1 350R	1 190R	1985
1986	1 330R	1 140R	1 420R	2 020R	1 780R	1 470R	774R	895R	727R	869R	1 230R	2 560R	1 350R	1986
1987	1 450R	1 410R	957R	2 580R	2 640R	2 000R	1 260R	729R	676R	1 110R	1 050R	1 370R	1 500R	1987
1988	1 240R	1 050R	1 180R	2 120R	1 000R	908R	881R	746R	759R	720R	737R	746R	1 020R	1988
1989	826R	898R	958R	1 780R	2 360R	1 480R	943R	859R	650R	748R	1 500R	1 240R	1 190R	1989
1970	898R	887R	948R	1 410R	2 270R	1 780R	1 850R	1 150R	774R	847R	924R	959R	1 220R	1970
1971	811R	883R	1 000R	1 680R	2 310R	1 030R	824R	588R	461R	482R	586R	787R	952R	1971
1972	1 040R	1 050R	1 170R	1 690R	2 130R	1 530R	1 290R	1 170R	1 130R	1 080R	1 480R	1 260R	1 420R	1972
1973	1 170R	1 240R	1 860R	2 780R	2 500R	1 780R	1 290R	837R	734R	974R	1 070R	1 190R	1 450R	1973
1974	1 080R	1 050R	1 430R	2 230R	3 720R	2 430R	1 340R	768R	662R	837R	1 320R	1 310R	1 520R	1974
1975	1 210R	1 180R	1 240R	1 870R	1 890R	1 410R	708R	468R	475R	635R	703R	1 070R	1 050R	1975
1976	1 010R	872R	1 380R	3 180R	2 510R	1 270R	931R	707R	605R	725R	761R	953R	1 250R	1976
1977	923R	881R	1 480R	2 310R	1 680R	728R	737R	515R	528R	752R	1 000R	1 360R	1 070R	1977
1978	1 230R	1 250R	1 080R	1 680R	2 160R	1 110R	888R	629R	486R	909R	925R	938R	1 080R	1978
1979	1 050	1 050	1 460	2 780	2 700	1 870	1 010	875	813	1 300	1 870	1 910	1 610	1979
1980	1 500	1 240	1 330	2 420	2 200	982	944	884	753	1 400	1 470	1 280	1 370	1980
1981	1 040	1 450	2 050	2 880	1 780	1 580	822	698	1 040	1 130	1 310	1 070	1 400	1981
1982	965	977	1 060	1 730	1 570	956	879	624	436	821	1 090	1 580	1 010	1982
1983	1 030	1 420	1 590	1 880	2 010	2 110	744	563	427	848	985	1 170	1 340	1983
1984	1 170	1 340	1 420	2 590	1 970	1 740	1 340	814	705	708	1 320	1 450	1 380	1984
MEAN	1 070R	1 060R	1 210R	2 010R	2 180R	1 370R	961R	731R	686R	873R	1 080R	1 180R	1 200	MEAN

LOCATION - LAT 45 21 54 N LONG 75 48 18 W DRAINAGE AREA, 90 900 km² REGULATED

R - REVISED SINCE JAN 1980

REMARKS - DAILY WATER LEVELS AVAILABLE SINCE 1915

OTTAWA RIVER AT BRITANNIA - STATION NO. 02KF005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1980	---	---	---	---	1980
1981	---	1 700R ON APR 29	597R ON SEP 13	28 400 000R	1981
1982	---	2 920R ON MAY 9	405R ON SEP 23	27 100 000R	1982
1983	---	1 830R ON APR 11	398R ON AUG 11	24 100 000R	1983
1984	---	2 270R ON APR 26	450R ON SEP 19	27 900 000R	1984
1985	---	2 500R ON MAY 8	544R ON AUG 1	37 400 000R	1985
1986	---	3 510R ON APR 27	514R ON SEP 21	42 700 000R	1986
1987	---	3 780R ON MAY 10	564R ON AUG 27	47 400 000R	1987
1988	---	2 650R ON APR 8	606R ON SEP 2	32 200 000R	1988
1989	---	2 720R ON MAY 15	561R ON SEP 7	37 500 000R	1989
1970	---	2 680R ON MAY 6	512R ON SEP 27	38 500 000R	1970
1971	---	3 540R ON MAY 6	343R ON SEP 6	30 000 000R	1971
1972	---	4 000R ON MAY 7	641R ON OCT 1	44 900 000R	1972
1973	---	3 370R ON APR 7	610R ON SEP 7	46 700 000R	1973
1974	---	4 450R ON MAY 20	594R ON SEP 24	47 800 000R	1974
1975	---	3 270R ON MAY 3	385R ON SEP 7	33 200 000R	1975
1976	---	3 780R ON APR 7	508R ON SEP 1	39 400 000R	1976
1977	---	3 020R ON APR 28	447R ON AUG 18	33 800 000R	1977
1978	---	3 080R ON MAY 2	384R ON SEP 10	34 100 000R	1978
1979	5 110 AT 18:00 EST ON MAY 1 *	5 080 ON MAY 4 *	628E ON AUG 1	50 700 000	1979
1980	3 380 AT 05:56 EST ON APR 11	3 280 ON APR 18	584 ON SEP 13	43 200 000	1980
1981	4 100 AT 15:45 EST ON APR 14	3 590 ON APR 14	418E ON AUG 29	44 200 000	1981
1982	2 830 AT 11:24 EST ON MAY 3	2 670 ON MAY 3	334 ON AUG 22 *	31 800 000	1982
1983	4 400 AT 08:25 EST ON MAY 12	4 350 ON MAY 12	377 ON SEP 24	42 400 000	1983
1984	3 190 AT 02:28 EST ON APR 27	3 120 ON APR 26	533 ON OCT 2	43 700 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		37 800 000R	MEAN

E - ESTIMATED R - REVISED SINCE JAN 1980

OTTAWA RIVER AT CHATS FALLS - STATION NO. 02KF009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	854	1 380	1 380	988	842	539	724	599	599	---	1915
1916	730	787	728	2 290	3 800	2 400	1 210	760	538	488	821	899	1 290	1916
1917	744	710	778	1 740	2 820	2 810	1 880	1 260	885	780	777	707	1 320	1917
1918	803	553	588	1 520	1 890	1 700	1 300	857	847	1 220	1 810	1 300	1 190	1918
1919	1 040	904	948	2 150	3 750	2 870	1 130	737	814	1 210	1 480	1 380	1 530	1919
1920	1 020	788	874	1 780	2 040	1 320	1 050	789	583	483	526	572	885	1920
1921	591	478	928	2 140	2 880	1 240	780	645	491	493	605	727	988	1921
1922	778	689	785	3 110	3 540	1 500	1 050	784	697	614	609	617	1 230	1922
1923	540	520	538	1 090	3 100	2 070	1 290	868	854	728	701	782	1 080	1923
1924	716	718	834	1 710	2 840	2 070	1 100	813	748	789	809	783	1 180	1924
1925	708	721	1 080	2 100	2 050	2 080	1 470	985	712	697	809	832	1 190	1925
1926	764	708	705	807	2 810	2 310	1 840	1 030	707	853	985	989	1 170	1926
1927	828	844	1 240	1 730	2 000	2 180	1 430	1 110	910	1 020	1 210	1 350	1 320	1927
1928	1 070	979	888	2 700	4 660	2 980	2 190	1 460	1 510	2 470	2 480	1 800	2 080	1928
1929	1 260	952	1 180	2 850	3 820	2 280	1 410	991	747	760	1 030	756	1 500	1929
1930	748	715	693	1 280	2 180	2 170	2 280	1 100	843	847	887	825	1 180	1930
1931	674	627	633	1 250	1 500	1 210	805	797	553	554	629	675	819	1931
1932	687	674	783	1 720	1 870	1 180	861	885	1 580	2 010	2 740	1 470	1 400	1932
1933	1 100	813	801	2 670	3 140	1 800	980	715	449	611	478	478	1 180	1933
1934	454	428	455	1 830	3 880	1 820	1 130	583	577	789	838	779	1 090	1934
1935	632	638	858	1 510	1 880	1 150	1 220	781	613	578	764	802	922	1935
1936	613	601	933	1 940	3 920	2 380	837	599	553	727	827	848	1 230	1936
1937	825	966	1 110	1 630	2 810	1 380	768	877	615	730	1 480	1 100	1 180	1937
1938	795	783	1 310	3 380	2 880	1 480	768	672	558	712	882	807	1 220	1938
1939	583	583	813	1 080	3 260	2 380	1 200	772	588	848	784	618	1 080	1939
1940	526	491	518	887	1 840	2 500	1 370	889	778	618	808	801	994	1940
1941	712	735	784	2 280	1 950	972	841	783	638	1 300	1 730	1 210	1 180	1941
1942	825	883	1 020	2 380	2 150	1 850	730	595	529	459	809	826	1 030	1942
1943	622	670	788	1 300	3 480	2 280	1 130	889	808	893	821	738	1 170	1943
1944	684	681	862	823	1 700	968	888	832	841	804	808	851	781	1944
1945	817	534	980	1 890	1 830	2 120	748	535	550	855	722	848	988	1945
1946	785	794	1 180	1 840	1 250	1 450	888	872	559	880	893	773	918	1946
1947	828	842	788	2 310	4 170	4 420	1 790	829	804	892	838	807	1 530	1947
1948	568	567	708	1 680	1 880	1 180	728	583	507	801	853	824	840	1948
1949	678	742	817	2 380	2 200	1 270	1 170	850	855	880	882	829	1 010	1949
1950	888	727	885	1 330	1 970	1 140	807	803	818	883	803	808	804	1950
1951	817	871	1 100	3 900	2 330	985	1 080	888	712	1 280	1 890	1 480	1 430	1951
1952	1 180	1 070	1 120	2 230	2 110	1 420	733	718	723	732	880	883	1 130	1952
1953	981	1 040	1 540	2 790	1 400	824	838	844	858	811	820	800	983	1953
1954	856	854	1 020	2 050	1 570	1 720	1 120	781	804	1 740	1 840	1 400	1 270	1954
1955	1 180	1 050	1 020	2 840	1 400	824	807	859	836	853	1 400	1 080	1 080	1955
1956	868	785	788	1 580	2 120	1 880	1 130	890	1 250	1 400	1 040	1 000	1 220	1956
1957	905	920	1 030	1 250	1 330	1 040	2 170	808	825	1 080	1 480	1 480	1 200	1957
1958	1 240	1 190	1 270	1 780	971	895	882	841	701	888	1 220	1 080	1 080	1958
1959	919	872	787	1 730	1 890	1 070	871	878	747	904	1 510	1 440	1 100	1959
1960	1 190	1 180	1 100	2 [illegible]40	4 870	1 570	1 980	1 220	785	778	884	858	1 570	1960
1961	807	701	723	1 250	1 560	1 130	843	813	838	959	849	1 020	987	1961
1962	1 030	1 080	908	1 690	2 080	987	588	455	470	518	558	510	903	1962
1963	513	587	645	1 800	1 300	972	827	488	588	548	831	817	781	1963
1964	921	887	1 010	1 450	1 170	803	525	445	528	545	884	886	886	1964
1965	758	773	805	1 170	2 070	868	587	754	1 230	1 [illegible]10	1 480	1 380	1 180	1965
1966	1 340	1 180	1 410	2 070	1 770	1 490	782	937	725	[illegible]	1 280	2 580	1 370	1966
1967	1 480	1 420	1 010	2 850	2 750	2 080	1 270	770	708	1 [illegible]	1 840	1 380	1 530	1967
1968	1 280	1 120	1 170	2 130	1 000	930	884	752	754	[illegible]	711	725	1 020	1968
1969	815	874	838	1 770	2 380	1 480	987	878	854	768	[illegible]	1 [illegible]	1 180	1969
1970	1 010	910	971	1 380	2 300	1 800	1 680	1 150	778	857	[illegible]	978	1 230	1970
1971	930	911	1 040	1 910	2 430	1 030	514	541	414	415	[illegible]	678	842	1971
1972	851	883	978	1 530	3 240	1 500	1 240	1 130	1 070	1 030	[illegible]	1 190	1 340	1972
1973	1 100	1 180	1 770	2 810	2 510	1 690	1 230	784	718	840	1 [illegible]	1 130	1 410	1973
1974	1 030	1 000	1 370	2 280	3 910	2 400	1 300	725	619	778	1 230	[illegible]	1 490	1974
1975	1 100	1 090	1 130	1 480	1 880	1 310	832	481	402	489	578	[illegible]	840	1975
1976	900	885	1 280	3 130	2 410	1 130	839	830	534	630	853	821	1 150	1976
1977	784	757	1 300	2 200	1 420	882	888	506	511	572	898	1 210	987	1977
1978	1 100	1 130	946	[illegible] 490	1 980	973	815	491	453	612	810	827	988	1978
1979	937	928	1 280	2 700	3 710	1 470	897	783	729	1 180	1 290	1 720	1 470	1979
1980	1 350	1 130	1 240	2 400	2 120	938	889	836	727	1 340	1 400	1 180	1 300	1980
1981	992	1 280	1 980	2 800	1 710	1 520	882	803	1 000	1 080	1 240	1 010	1 250	1981
1982	928	840	1 020	1 880	1 490	918	888	447	482	818	1 030	1 520	973	1982
1983	1 540	1 340	1 480	1 750	2 920	2 000	999	548	442	630	938	1 080	1 280	1983
1984	1 110	1 270	1 320	2 470	1 880	1 890	1 280	770	678	882	1 280	1 380	1 310	1984
MEAN	881	852	979	1 850	2 380	1 800	1 080	752	700	833	1 000	975	1 170	MEAN

LOCATION - LAT 45 28 30 N DRAINAGE AREA, 89 800 km²
LONG 75 14 21 W REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

OTTAWA RIVER AT CHATS FALLS - STATION NO. 02KF009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	1 630 ON MAY 21	---	---	1915
1916	---	4 080 ON MAY 7	396 ON OCT 8	40 700 000	1916
1917	---	3 140 ON MAY 31	551 ON DEC 29	41 700 000	1917
1918	---	2 400 ON MAY 19	473 ON MAR 17	37 800 000	1918
1919	---	4 780 ON MAY 27	851 ON AUG 21	48 400 000	1919
1920	---	2 250 ON MAY 1	386 ON OCT 24	31 100 000	1920
1921	---	3 510 ON MAY 7	371 ON SEP 29	31 100 000	1921
1922	---	5 070 ON APR 23	575 ON SEP 30	38 800 000	1922
1923	---	3 620 ON MAY 4	498 ON FEB 1	34 500 000	1923
1924	---	3 030 ON MAY 23	651 ON FEB 27	35 800 000	1924
1925	---	2 490 ON MAY 1	651 ON FEB 1	37 500 000	1925
1926	---	3 090 ON MAY 29	626 ON OCT 13	36 800 000	1926
1927	---	2 440 ON APR 29	786 ON JAN 26	41 700 000	1927
1928	---	5 750E ON MAY 13	627 ON MAR 3	85 800 000	1928
1929	---	4 470 ON MAY 8	626 ON OCT 15	47 400 000	1929
1930	---	2 970 ON JUL 6	549 ON DEC 27	37 200 000	1930
1931	---	2 010 ON APR 28	473 ON SEP 20	25 800 000	1931
1932	---	3 110 ON NOV 12	617 ON JAN 12	44 300 000	1932
1933	---	4 220 ON APR 23	244 ON NOV 19	35 400 000	1933
1934	---	4 420 ON MAY 11	268 ON MAR 18	34 200 000	1934
1935	---	2 310 ON MAY 5	445 ON DEC 22	29 100 000	1935
1936	---	4 550 ON MAY 14	456 ON AUG 30	39 000 000	1936
1937	---	3 430 ON MAY 8	490 ON SEP 11	37 200 000	1937
1938	---	4 150 ON APR 24	501 ON SEP 5	38 600 000	1938
1939	---	3 650 ON MAY 14	445 ON OCT 1	34 500 000	1939
1940	---	3 450 ON JUN 4	389 ON JAN 21	31 400 000	1940
1941	---	4 500 ON APR 25	578 ON AUG 10	37 300 000	1941
1942	---	3 230 ON APR 26	143 ON NOV 15 *	32 600 000	1942
1943	---	4 670 ON MAY 13	487 ON JAN 23	38 600 000	1943
1944	---	2 670 ON MAY 12	354 ON SEP 3	23 700 000	1944
1945	---	3 170 ON JUN 7	439 ON MAR 4	31 100 000	1945
1946	---	2 260 ON APR 2	411 ON OCT 5	28 800 000	1946
1947	---	4 840 ON JUN 21	386 ON OCT 26	48 200 000	1947
1948	---	2 580 ON APR 25	377 ON OCT 11	26 500 000	1948
1949	---	3 450 ON APR 29	382 ON AUG 7	31 900 000	1949
1950	---	2 550 ON MAY 18	386 ON SEP 24	28 500 000	1950
1951	---	5 550 ON APR 18	521 ON AUG 19	45 200 000	1951
1952	---	3 170 ON APR 28	433 ON AUG 3	35 800 000	1952
1953	---	3 780 ON APR 3	371 ON OCT 4	31 000 000	1953
1954	---	3 110 ON APR 20	521 ON FEB 14	38 900 000	1954
1955	---	3 820 ON APR 20	331 ON OCT 13	33 400 000	1955
1956	---	2 780 ON JUN 3	586 ON AUG 15	36 500 000	1956
1957	---	3 480 ON JUL 8	510 ON SEP 4	37 900 000	1957
1958	---	2 170 ON APR 25	535 ON AUG 17	33 800 000	1958
1959	---	2 490 ON MAY 5	490 ON JUL 18	34 800 000	1959
1960	---	5 800 ON MAY 18 *	509 ON OCT 21	48 800 000	1960
1961	---	1 890 ON APR 21	500 ON MAR 1	30 500 000	1961
1962	---	3 230 ON MAY 8	323 ON SEP 23	28 500 000	1962
1963	---	1 950 ON APR 10	351 ON AUG 4	24 700 000	1963
1964	---	2 210 ON APR 26	386 ON SEP 26	27 400 000	1964
1965	---	2 400 ON MAY 8	490 ON AUG 1	36 500 000	1965
1966	---	3 770 ON APR 27	586 ON SEP 18	43 300 000	1966
1967	---	4 110 ON MAY 5	580 ON AUG 27	48 300 000	1967
1968	---	2 750 ON APR 8	575 ON SEP 1	32 200 000	1968
1969	---	2 820 ON MAY 15	566 ON SEP 7	37 500 000	1969
1970	---	2 770 ON MAY 6	572 ON SEP 27	38 900 000	1970
1971	---	3 910 ON MAY 4	292 ON SEP 5	29 700 000	1971
1972	---	4 280 ON MAY 7	685 ON JAN 3	42 200 000	1972
1973	---	3 540 ON APR 8	580 ON SEP 8	44 400 000	1973
1974	---	4 810 ON MAY 20	555 ON SEP 22	46 900 000	1974
1975	---	3 280 ON MAY 2	326 ON SEP 8	29 800 000	1975
1976	---	3 820 ON APR 6	425 ON SEP 18	36 400 000	1976
1977	---	2 870 ON APR 26	439 ON AUG 16	30 800 000	1977
1978	---	3 030 ON MAY 2	367 ON SEP 10	30 800 000	1978
1979	---	5 410 ON MAY 1	556 ON AUG 1	46 800 000	1979
1980	---	3 270 ON APR 18	340 ON JUL 26	40 900 000	1980
1981	---	3 500 ON APR 14	437 ON AUG 22	42 500 000	1981
1982	---	2 840 ON MAY 3	351 ON AUG 23	30 700 000	1982
1983	---	4 280 ON MAY 11	382 ON SEP 20	40 400 000	1983
1984	---	2 980 ON APR 21	504 ON OCT 1	41 500 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		38 900 000	MEAN

E - ESTIMATED

OTTAWA RIVER AT DES JOACHIMS - STATION NO. 02KA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	---	495	481	494	800	642	---	1950
1951	621	683	801	2 260	1 280	705	786	613	599	1 210	1 510	1 130	1 010	1951
1952	850	809	834	1 190	1 370	992	806	626	643	832	570	720	828	1952
1953	818	895	1 190	1 840	861	834	530	450	348	462	424	500	762	1953
1954	629	511	756	1 010	930	1 250	899	848	658	1 440	1 170	1 010	903	1954
1955	894	821	787	1 170	841	807	454	388	392	538	1 030	890	733	1955
1956	682	606	635	875	1 330	1 040	857	745	886	1 170	797	730	863	1956
1957	710	743	787	886	929	781	1 590	845	712	840	1 080	1 010	893	1957
1958	907	925	918	936	498	611	629	451	548	591	940	883	747	1958
1959	899	891	831	885	1 220	748	525	442	568	851	1 080	986	758	1959
1960	881	882	833	1 400	3 080	1 280	1 530	990	888	838	887	891	1 130	1960
1961	878	878	883	778	883	818	851	575	883	788	715	782	718	1961
1962	870	920	712	1 010	1 370	735	428	381	411	418	389	346	884	1962
1963	355	417	473	902	789	873	458	420	476	439	447	578	544	1963
1964	702	685	708	816	983	988	850	453	387	471	482	541	883	1964
1965	623	833	639	651	1 150	882	483	803	1 110	1 380	980	898	820	1965
1966	930	898	909	1 220	1 000	887	803	832	818	791	1 100	1 710	987	1966
1967	1 070	1 090	805	1 650	1 800	1 440	747	580	525	585	1 070	900	1 020	1967
1968	824	785	778	1 220	881	895	738	636	588	578	631	512	720	1968
1969	820	848	884	936	1 170	850	889	701	545	846	1 190	985	813	1969
1970	831	741	775	795	1 290	1 370	1 380	887	639	718	712	728	905	1970
1971	695	673	773	1 010	1 220	885	354	457	280	305	403	516	814	1971
1972	657	706	780	815	1 470	888	706	786	748	703	809	783	821	1972
1973	738	830	903	1 290	1 460	1 120	821	554	589	746	836	838	894	1973
1974	747	894	878	1 090	2 120	1 640	982	547	508	832	948	898	974	1974
1975	847	878	808	785	948	1 030	488	385	347	402	458	943	883	1975
1976	719	890	774	1 540	1 580	805	807	503	439	520	540	881	783	1976
1977	859	852	853	1 420	957	533	559	441	466	511	708	856	718	1977
1978	835	883	711	872	983	748	511	418	399	724	699	883	867	1978
1979	793	790	859	1 570	2 430	1 180	728	731	857	972	1 500	1 260	1 120	1979
1980	1 110	918	832	1 390	1 380	588	574	527	572	957	935	841	884	1980
1981	722	778	1 130	1 860	1 170	1 100	828	425	584	883	800	880	874	1981
1982	833	876	894	828	785	585	482	373	371	502	748	980	833	1982
1983	1 010	968	988	956	1 680	1 420	589	467	360	455	686	752	857	1983
1984	828	874	841	1 120	1 040	1 260	981	578	521	578	1 020	1 090	892	1984
MEAN	772	783	784	1 140	1 260	927	710	568	552	693	816	830	820	MEAN

LOCATION - LAT 46 11 00 N LONG 77 41 52 W
DRAINAGE AREA, 57 500 km²
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

OTTAWA RIVER AT DES JOACHIMS - STATION NO. 02KA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1950	---	---	---	---	1950
1951	---	3 110 ON APR 15	217 ON SEP 9	32 000 000	1951
1952	---	2 390 ON APR 24	259 ON AUG 31	26 200 000	1952
1953	---	2 610 ON MAR 30	208 ON SEP 27	23 700 000	1953
1954	---	2 420 ON OCT 19	200 ON JAN 24	28 500 000	1954
1955	---	1 740 ON APR 20	91.5 ON OCT 9 *	23 100 000	1955
1956	---	1 980 ON MAY 19	188 ON DEC 25	27 300 000	1956
1957	---	2 920 ON JUN 30	225 ON SEP 1	28 200 000	1957
1958	---	1 090 ON APR 9	135 ON MAY 18	23 600 000	1958
1959	---	1 640 ON MAY 12	156 ON AUG 18	23 900 000	1959
1960	---	4 130 ON MAY 15	294 ON OCT 2	35 700 000	1960
1961	---	1 380 ON MAY 12	207 ON APR 30	22 800 000	1961
1962	---	2 410 ON MAY 5	207 ON JUN 24	20 900 000	1962
1963	---	1 090 ON APR 8	170 ON MAY 19	17 200 000	1963
1964	---	1 740 ON MAY 1	249 ON AUG 23	21 000 000	1964
1965	---	1 920 ON SEP 28	283 ON APR 11	25 900 000	1965
1966	---	2 450 ON DEC 10	331 ON SEP 18	30 500 000	1966
1967	---	2 830 ON MAY 6	320 ON SEP 16	32 100 000	1967
1968	---	1 680 ON APR 5	311 ON NOV 17	22 800 000	1968
1969	---	1 570 ON MAY 11	207 ON SEP 7	25 600 000	1969
1970	---	2 110 ON JUN 3	413 ON NOV 21	28 500 000	1970
1971	---	1 850 ON MAY 3	187 ON OCT 10	19 300 000	1971
1972	---	1 920 ON MAY 4	357 ON JUL 9	28 000 000	1972
1973	---	2 290 ON MAY 12	348 ON SEP 1	28 200 000	1973
1974	---	2 490 ON MAY 18	371 ON AUG 6	30 700 000	1974
1975	---	1 650 ON MAY 1	268 ON NOV 16	21 800 000	1975
1976	---	2 080 ON APR 28	378 ON OCT 11	24 800 000	1976
1977	---	1 990 ON APR 24	382 ON AUG 21	22 800 000	1977
1978	---	1 680 ON APR 30	187 ON SEP 10	21 700 000	1978
1979	---	4 800 ON MAY 8 *	388 ON JUL 28	36 400 000	1979
1980	---	2 080 ON MAY 4	309 ON JUN 8	27 800 000	1980
1981	---	2 430 ON APR 13	211 ON JUL 19	27 600 000	1981
1982	---	1 640 ON APR 28	271 ON OCT 8	20 000 000	1982
1983	---	2 710 ON JUN 2	260 ON SEP 18	27 000 000	1983
1984	---	1 910 ON MAY 28	308 ON SEP 23	26 200 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		25 900 000	MEAN

OTTAWA RIVER AT LA CAVE RAPIDS - STATION NO. 02JE012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	783	781	874	1 170	884	545	521	586	594	544	618	---	1952
1953	781	830	1 010	1 070	785	585	494	433	338	428	383	427	678	1953
1954	487	472	835	717	732	1 020	798	561	813	1 280	1 050	923	775	1954
1955	648	802	705	618	705	519	384	378	370	498	813	852	648	1955
1956	580	585	550	714	1 070	886	747	670	761	1 090	893	834	751	1956
1957	655	688	718	708	785	578	1 330	575	585	718	828	807	764	1957
1958	835	881	858	718	423	506	489	416	523	817	878	831	684	1958
1959	650	858	877	827	1 050	857	672	371	484	581	903	858	856	1959
1960	803	805	770	970	2 800	1 140	1 370	690	635	592	805	841	1 000	1960
1961	843	845	855	685	783	704	527	474	582	710	852	684	820	1961
1962	810	877	851	755	1 150	636	370	363	398	390	355	302	588	1962
1963	324	389	395	589	583	557	388	378	420	410	370	822	453	1963
1964	859	850	807	720	803	895	602	420	373	445	458	493	802	1964
1965	587	598	558	603	854	802	404	488	1 000	1 240	831	754	702	1965
1966	817	817	753	916	784	852	538	764	584	744	974	1 530	839	1966
1967	982	1 010	719	1 340	1 680	1 310	841	528	483	442	836	780	890	1967
1968	837	709	859	831	549	591	630	575	526	535	480	456	814	1968
1969	563	588	590	638	880	783	590	818	483	560	975	847	873	1969
1970	748	871	880	551	975	1 170	1 100	741	516	577	588	625	744	1970
1971	817	800	637	701	885	554	307	414	235	274	359	441	502	1971
1972	585	834	844	874	954	680	531	578	601	561	624	863	634	1972
1973	633	741	735	834	1 230	833	825	415	510	556	725	702	719	1973
1974	949	801	729	888	1 750	1 470	836	458	447	545	740	773	809	1974
1975	740	792	843	588	889	897	416	344	314	334	389	628	563	1975
1976	660	823	818	1 180	1 340	873	503	453	418	483	502	856	876	1976
1977	822	821	884	1 180	827	464	496	387	391	414	599	757	820	1977
1978	759	823	585	482	869	639	481	369	346	524	618	615	582	1978
1979	726	736	881	1 130	2 050	1 080	648	653	586	673	1 110	1 090	941	1979
1980	1 010	836	884	988	1 150	443	445	419	414	676	785	734	710	1980
1981	861	858	851	1 410	907	894	538	395	475	561	724	815	722	1981
1982	818	869	586	551	528	481	397	336	302	422	619	747	521	1982
1983	882	871	804	870	1 240	1 220	682	424	327	387	557	679	711	1983
1984	806	787	884	781	789	1 050	807	505	458	502	844	948	745	1984
MEAN	704	708	676	817	1 020	793	604	497	486	597	685	722	691	MEAN

LOCATION - LAT 48 22 40 N DRAINAGE AREA, 47 800 km² DATA CONTRIBUTED BY -
LONG 78 43 24 W REGULATED ONTARIO HYDRO

OTTAWA RIVER AT LA CAVE RAPIDS - STATION NO. 02JE012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	1 710 ON MAY 21	---	---	1952
1953	---	2 120 ON APR 14	0 ON AUG 23 *	21 400 000	1953
1954	---	2 030 ON OCT 19	22.1 ON JAN 31	24 400 000	1954
1955	---	1 210 ON NOV 5	0 ON JUN 19	20 400 000	1955
1956	---	1 780 ON JUN 1	19.9 ON MAR 4	23 700 000	1956
1957	---	2 240 ON JUL 5	0 ON JUN 23	24 100 000	1957
1958	---	1 080 ON FEB 20	0 ON MAY 11	21 000 000	1958
1959	---	1 480 ON MAY 14	0 ON MAR 6	20 700 000	1959
1960	---	3 650 ON MAY 15 *	111 ON OCT 23	31 700 000	1960
1961	---	1 080 ON MAY 19	0 ON FEB 18	19 500 000	1961
1962	---	1 810 ON MAY 7	0 ON MAR 18	18 500 000	1962
1963	---	823 ON APR 23	0 ON MAY 19	14 300 000	1963
1964	---	1 450 ON MAY 1	36.8 ON AUG 30	19 000 000	1964
1965	---	1 900 ON SEP 30	85.0 ON JUN 20	22 200 000	1965
1966	---	3 140 ON DEC 10	229 ON SEP 18	26 500 000	1966
1967	---	2 560 ON MAY 6	79.3 ON SEP 17	28 100 000	1967
1968	---	1 020 ON APR 3	235 ON JUN 2	19 400 000	1968
1969	---	1 380 ON NOV 21	198 ON SEP 7	21 200 000	1969
1970	---	1 770 ON JUN 4	306 ON FEB-22	23 500 000	1970
1971	---	1 270 ON MAY 3	187 ON SEP 7	15 800 000	1971
1972	---	1 030 ON MAY 10	255 ON JUL 8	20 100 000	1972
1973	---	2 020 ON MAY 12	280 ON AUG 5	22 700 000	1973
1974	---	2 200 ON MAY 28	311 ON APR 8	25 500 000	1974
1975	---	1 270 ON JUN 6	258 ON SEP 19	17 800 000	1975
1976	---	1 870 ON APR 28	320 ON AUG 29	21 400 000	1976
1977	---	1 770 ON APR 28	280 ON JUL 31	19 500 000	1977
1978	---	1 010 ON APR 29	223 ON SEP 10	18 300 000	1978
1979	---	2 780 ON MAY 5	343 ON JUL 25	29 700 000	1979
1980	---	1 780 ON MAY 5	210 ON JUN 15	22 500 000	1980
1981	---	1 980 ON APR 16	155 ON JUL 19	22 600 000	1981
1982	---	976 ON MAY 3	207 ON MAY 22	16 400 000	1982
1983	---	3 220 ON JUN 1	280 ON SEP 25	22 400 000	1983
1984	---	1 580 ON MAY 28	289 ON MAY 12	23 600 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		21 800 000	MEAN

OTTAWA RIVER NEAR TIMISKAMING - STATION NO. 02JE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1911	---	---	---	282	1 840	1 390	628	391	298	240	408	518	---	1911
1912	434	313	288	373	1 570	1 610	887	531	356	440	508	428	646	1912
1913	488	515	387	457	1 710	812	531	473	392	348	588	583	645	1913
1914	556	544	459	386	1 010	859	512	278	199	131	139	189	436	1914
1915	204	184	128	232	805	903	638	483	370	416	438	473	439	1915
1916	448	422	430	888	2 170	1 230	880	439	307	288	434	410	887	1916
1917	434	491	445	477	1 710	1 780	1 210	772	634	505	473	482	786	1917
1918	433	383	288	504	1 230	1 110	788	570	510	820	1 180	736	713	1918
1919	598	658	488	1 040	2 180	1 490	810	473	518	843	903	878	887	1919
1920	584	597	478	878	1 180	748	515	454	373	277	285	284	572	1920
1921	288	269	283	853	1 850	882	517	438	318	328	338	397	529	1921
1922	453	478	481	1 510	2 270	892	638	492	420	374	318	308	718	1922
1923	325	347	318	371	1 100	1 100	739	580	481	488	408	340	548	1923
1924	378	381	517	577	1 150	1 280	857	517	480	489	489	472	618	1924
1925	438	477	548	840	1 020	1 280	948	628	505	450	387	433	884	1925
1926	467	491	505	340	1 130	1 320	988	645	481	391	338	420	827	1926
1927	563	538	740	848	1 050	1 130	700	581	515	583	555	555	736	1927
1928	800	811	508	1 000	2 890	1 820	1 420	858	1 050	1 700	1 450	918	1 250	1928
1929	893	525	537	881	1 800	1 380	950	703	537	571	727	548	829	1929
1930	521	458	388	525	1 230	1 540	1 590	734	621	523	514	494	782	1930
1931	456	423	385	813	748	728	538	632	377	367	488	701	537	1931
1932	503	527	573	737	895	778	845	733	1 070	1 030	1 810	892	908	1932
1933	645	539	561	1 060	1 870	1 140	848	520	325	320	388	355	895	1933
1934	338	330	319	838	2 080	1 140	711	485	511	878	424	442	877	1934
1935	438	514	593	867	708	841	803	547	488	482	492	401	648	1935
1936	483	480	487	703	2 170	1 300	571	481	488	519	582	440	723	1936
1937	518	583	782	733	1 380	757	574	572	588	650	1 030	723	747	1937
1938	578	572	810	1 580	1 510	808	518	528	505	528	511	488	741	1938
1939	442	468	471	557	1 580	1 750	813	500	473	501	577	482	728	1939
1940	418	401	436	354	788	1 500	885	521	597	452	594	520	822	1940
1941	462	571	809	1 170	1 080	598	650	884	852	1 270	1 410	887	888	1941
1942	704	738	877	1 180	1 040	918	517	487	431	280	232	300	624	1942
1943	423	488	514	550	1 040	1 380	887	484	518	540	445	537	638	1943
1944	477	480	488	423	814	883	473	453	444	414	428	470	500	1944
1945	451	382	467	617	1 130	1 420	470	432	423	425	424	454	582	1945
1946	518	576	621	850	887	898	504	460	458	459	436	430	583	1946
1947	583	570	478	753	2 470	3 250	957	515	440	387	382	450	935	1947
1948	434	434	325	785	777	880	520	423	434	410	411	420	601	1948
1949	481	509	524	1 010	1 080	958	782	505	508	478	490	487	850	1949
1950	448	511	515	482	1 250	895	512	438	482	487	505	503	586	1950
1951	548	841	894	1 580	938	887	886	585	802	---	---	---	---	1951
MEAN	486	491	488	735	1 380	1 150	724	534	501	540	578	515	679	MEAN

LOCATION - LAT 46 40 00 N DRAINAGE AREA, 46 100 km²
LONG 79 05 00 W REGULATED

OTTAWA RIVER NEAR TIMISKAMING - STATION NO. 02JE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1911	---	---	---	---	1911
1912	---	1 970 ON MAY 30	225 ON APR 6	20 400 000	1912
1913	---	2 180 ON MAY 2	165 ON APR 12	20 400 000	1913
1914	---	1 310 ON MAY 12	118 ON OCT 31 *	13 800 000	1914
1915	---	1 120 ON MAY 26	119 ON MAR 22	13 800 000	1915
1916	---	2 380 ON MAY 9	255 ON OCT 16	21 700 000	1916
1917	---	2 310 ON MAY 27	306 ON APR 5	24 800 000	1917
1918	---	1 500 ON OCT 30	249 ON MAR 24	22 500 000	1918
1919	---	2 520 ON MAY 25	391 ON MAR 25	28 000 000	1919
1920	---	1 350 ON MAY 13	249 ON DEC 4	18 500 000	1920
1921	---	2 230 ON MAY 3	216 ON MAR 19	18 700 000	1921
1922	---	2 850 ON MAY 10	267 ON MAR 31	22 700 000	1922
1923	---	1 540 ON MAY 31	224 ON APR 19	17 300 000	1923
1924	---	1 400 ON JUN 1	334 ON JAN 1	19 400 000	1924
1925	---	1 490 ON JUN 12	340 ON JAN 27	20 900 000	1925
1926	---	1 580 ON MAY 27	281 ON APR 20	19 800 000	1926
1927	---	1 440 ON MAY 29	490 ON JAN 1	23 200 000	1927
1928	---	3 310 ON MAY 16	459 ON APR 3	38 400 000	1928
1929	---	2 030 ON MAY 26	445 ON MAR 30	26 100 000	1929
1930	---	2 380 ON JUL 2	294 ON APR 5	24 000 000	1930
1931	---	1 000 ON APR 26	311 ON APR 7	18 900 000	1931
1932	---	2 280 ON OCT 18	484 ON JAN 12	28 700 000	1932
1933	---	2 440 ON MAY 3	292 ON SEP 30	21 900 000	1933
1934	---	2 670 ON MAY 15	311 ON MAR 19	21 300 000	1934
1935	---	1 140 ON MAY 2	334 ON MAY 24	17 200 000	1935
1936	---	2 870 ON MAY 15	394 ON FEB 8	22 900 000	1936
1937	---	1 740 ON MAY 9	411 ON AUG 25	23 600 000	1937
1938	---	2 320 ON MAY 4	439 ON DEC 26	23 400 000	1938
1939	---	2 260 ON JUN 2	360 ON MAR 28	22 500 000	1939
1940	---	2 270 ON MAY 30	142 ON APR 30	19 500 000	1940
1941	---	2 230 ON APR 24	294 ON JUN 10	27 400 000	1941
1942	---	1 570 ON APR 28	207 ON NOV 27	18 700 000	1942
1943	---	1 510 ON JUN 13	334 ON NOV 24	20 100 000	1943
1944	---	1 520 ON MAY 6	306 ON APR 11	15 800 000	1944
1945	---	2 790E ON JUN 2	198E ON APR 10	18 700 000	1945
1946	---	1 830 ON MAY 31	279 ON MAY 4	18 400 000	1946
1947	---	3 540 ON JUN 17 *	362 ON NOV 5	28 500 000	1947
1948	---	1 380 ON APR 30	270 ON APR 3	15 800 000	1948
1949	---	1 770 ON JUN 29	277 ON MAY 21	20 500 000	1949
1950	---	1 830 ON MAY 14	320 ON APR 26	17 500 000	1950
1951	---	2 280 ON APR 18	---	---	1951
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		21 400 000	MEAN

E - ESTIMATED

OUSE RIVER NEAR WESTWOOD - STATION NO. 02HJ003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	4.51	5.88	5.51	---	1967
1968	2.48	2.71	7.21	8.04	2.67	2.17	1.02	0.448	0.385	0.364	0.801	1.09	2.28	1968
1969	1.08	1.67	4.89	9.43	7.47	2.83	0.776	0.253	0.081	0.228	0.538	0.710	2.49	1969
1970	0.478	0.651	1.72	8.81	3.74	1.13	0.880	0.350	0.191	0.371	1.16	1.53	1.82	1970
1971	1.01	1.08	2.85	14.3	4.50	1.31	0.595	0.178	0.134	0.306	0.518	1.08	2.29	1971
1972	1.48	1.42	1.85	16.1	8.94	2.83	3.14	2.43	1.15	2.44	4.56	4.14	4.01	1972
1973	4.88	3.84	16.7	10.2	3.88	1.32	0.430	0.338	0.146	0.281	1.00	1.27	3.89	1973
1974	1.87	2.06	5.21	9.08	5.70	2.78	1.36	0.670	0.606	0.838	1.75	1.78	2.90	1974
1975	2.32	2.27	8.09	10.6	4.22	1.87	0.736	0.243	0.155	0.203	0.368	0.835	2.84	1975
1976	0.585	1.87	18.5	11.4	3.88	1.55	0.694	0.378	0.333	0.505	0.515	0.287	3.24	1976
1977	0.216	0.228	6.71	5.42	1.70	0.495	0.211	0.272	0.506	1.20	2.49	4.17	1.98	1977
1978	3.80	2.83	3.60	18.2	8.68	1.41	0.355	0.306	0.223	0.552	0.940	0.850	3.32	1978
1979	1.23	0.788	12.3	11.2	4.14	1.84	0.637	0.269	0.188	0.598	1.46	2.97	3.12	1979
1980	2.18	0.738	8.78	9.28	3.45	1.20	0.945	0.443	0.238	0.550	1.06	2.34	2.61	1980
1981	0.935	12.1	5.27	4.18	2.37	2.52	1.29	0.840	1.44	1.63	3.10	1.84	3.08	1981
1982	1.03	0.707	2.65	15.7	3.81	2.83	0.723	0.348	0.810	1.50	4.02	7.28	3.45	1982
1983	3.86	3.43	4.49	8.56	8.68	2.65	0.880	0.545	0.186	0.285	0.898	1.23	2.62	1983
1984	1.01	8.38	8.89	13.8	8.08	1.78	0.888	2.71	2.85	1.16	2.46	2.92	3.96	1984
MEAN	1.78	2.63	8.74	10.8	4.85	1.89	0.918	0.654	0.568	0.980	1.87	2.32	2.91	MEAN

LOCATION - LAT 44 17 50 N DRAINAGE AREA, 282 km^2
LONG 78 02 50 W REGULATED

OUSE RIVER NEAR WESTWOOD - STATION NO. 02HJ003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	17.2 AT 18:00 EST ON MAR 29	17.0 ON MAR 29	0.280 ON SEP 2	72 100	1968
1969	18.5 AT 02:31 EST ON MAY 20	18.3 ON MAY 20	0.008 ON SEP 5	78 500	1969
1970	17.0 AT 18:19 EST ON APR 10	16.6 ON APR 10	0.040 ON SEP 23	67 500	1970
1971	36.2 AT 07:31 EST ON APR 14	34.8 ON APR 14	0.007 ON SEP 12 *	72 200	1971
1972	42.6 AT 10:00 EST ON APR 15	40.2 ON APR 15	0.8018 ON JAN 1	127 000	1972
1973	52.1 AT 13:21 EST ON MAR 8	45.3 ON MAR 8	0.051 ON OCT 1	116 000	1973
1974	28.2 AT 06:16 EST ON APR 5	27.0 ON APR 5	0.249 ON SEP 22	91 400	1974
1975	---	39.48 ON MAR 20	0.082 ON SEP 16	83 300	1975
1976	67.7E AT 00:50 EST ON MAR 22	55.8E ON MAR 22	0.153 ON AUG 26	102 000	1976
1977	22.5 AT 04:33 EST ON MAR 14	20.7 ON MAR 14	0.059 ON JUL 29	82 500	1977
1978	27.8 AT 01:56 EST ON APR 22	27.1 ON APR 13	0.105 ON SEP 14	105 000	1978
1979	41.8 AT 14:15 EST ON MAR 25	40.1 ON MAR 25	0.081 ON SEP 30	98 500	1979
1980	67.8 AT 13:21 EST ON MAR 22 *	63.1 ON MAR 22 *	0.171 ON SEP 21	82 400	1980
1981	64.5 AT 14:00 EST ON FEB 24	60.8 ON FEB 24	0.639 ON AUG 30	97 100	1981
1982	28.88 AT 20:18 EST ON APR 1	25.08 ON APR 4	0.167 ON AUG 18	108 000	1982
1983	21.7 AT 04:51 EST ON FEB 4	18.9 ON FEB 4	0.049 ON OCT 2	82 500	1983
1984	39.8 AT 17:09 EST ON APR 5	36.3 ON APR 5	0.446 ON AUG 5	125 000	1984
				91 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

OXTONGUE RIVER NEAR DWIGHT - STATION NO. 02EB014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	35.5	21.3	5.84	8.29	---	1981
1982	4.11	4.52	7.16	34.9	15.5	6.54	3.69	1.49	8.68	8.18	18.6	24.8	11.5	1982
1983	15.8	9.08	12.3	18.0	31.1	10.0	1.68	1.31	4.77	9.65	10.6	10.3	11.3	1983
1984	3.36	14.9	13.4	33.0	18.3	12.7	4.42	2.33	6.06	9.48	11.4	12.1	11.7	1984
MEAN	8.09	9.50	11.0	28.6	21.6	9.75	3.26	1.71	13.8	12.2	11.8	13.6	11.5	MEAN

LOCATION - LAT 45 18 47 N
LONG 78 59 32 W
DRAINAGE AREA, 801 km^2
REGULATED

OXTONGUE RIVER NEAR DWIGHT - STATION NO. 02EB014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	61.0 AT 23:07 EST ON SEP 5	60.3 ON SEP 5	---	---	1981
1982	65.2 AT 23:24 EST ON APR 18 *	63.7 ON APR 26 *	1.05 ON AUG 18	383 000	1982
1983	56.1 AT 07:46 EST ON MAY 9	57.6 ON MAY 9	0.903 ON JUL 31 *	358 000	1983
1984	46.2 AT 19:04 EST ON APR 17	46.5 ON APR 17	2.11 ON AUG 12	371 000	1984
				384 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PAGWACHUAN RIVER AT HIGHWAY NO. 11 - STATION NO. 04JD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	3.79	2.49	1.84	46.0	41.9	41.0	48.4	28.2	13.8	26.3	19.6	8.67	33.5	1968
1969	6.70	5.46	4.45	19.3	101	49.2	18.6	8.31	6.77	14.1	8.90	8.71	20.7	1969
1970	4.90	3.85	3.08	8.79	82.5	26.8	12.8	3.10	26.0	29.2	30.0	10.8	20.2	1970
1971	8.88	5.03	3.57	12.0	86.9	29.3	12.7	6.88	32.1	52.3	32.5	14.5	24.0	1971
1972	6.51	3.89	3.11	8.72	105	22.8	31.0	14.8	9.42	19.6	8.52	5.18	19.9	1972
1973	4.50	3.71	4.17	45.2	77.7	38.8	43.1	16.9	15.8	15.2	20.0	12.8	24.1	1973
1974	5.50	4.28	3.47	6.57	122	40.1	30.5	15.9	11.0	37.2	22.4	9.48	25.7	1974
1975	8.23	5.00	4.43	10.7	88.3	57.8	10.7	4.28	2.28	14.5	26.7	8.52	19.9	1975
1976	5.14	3.45	3.15	85.5	49.0	25.3	11.8	6.88	3.47	4.12	2.87	2.12	16.8	1976
1977	1.87	1.77	3.05	101	54.1	18.3	36.0	11.8	32.8	40.4	30.3	8.09	27.5	1977
1978	4.47	3.07	2.33	5.26	86.8	71.1	15.3	5.33	3.28	5.01	4.01	2.71	18.2	1978
1979	2.18	1.83	3.03	27.1	102	38.5	10.8	9.50	14.5	25.8	36.4	10.8	23.4	1979
1980	5.45	3.84	3.08	40.9	85.4	25.8	8.43	5.83	12.8	22.1	13.8	5.81	20.1	1980
1981	3.30	2.88	4.77	42.4	82.1	29.5	7.58	1.75	1.08	2.80	4.08	3.13	13.8	1981
1982	2.09	1.70	1.84	8.09	113	31.1	46.7	7.21	16.8	43.0	26.8	17.1	26.6	1982
1983	6.84	4.81	4.87	11.0	124	26.8	17.7	3.37	14.3	80.6	17.7	10.1	25.3	1983
1984	5.57	4.88	3.84	74.0	77.9	58.4	38.9	13.1	4.78	10.0	13.5	10.1	28.3	1984
MEAN	4.83	3.63	3.34	32.2	86.8	38.6	23.3	9.78	12.4	24.8	18.0	8.68	22.1	MEAN

LOCATION - LAT 48 48 00 N
LONG 85 14 00 W
DRAINAGE AREA, 2 020 km^2
NATURAL FLOW

PAGWACHUAN RIVER AT HIGHWAY NO. 11 - STATION NO. 04JD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	129 ON APR 24	1.67 B ON MAR 17	760 000	1968
1969	176 AT 03:00 EST ON MAY 5	176 ON MAY 5	4.05 B ON MAR 31	654 000	1969
1970	195 AT 19:51 EST ON MAY 1	192 ON MAY 1	2.08 ON AUG 28	637 000	1970
1971	143 AT 10:42 EST ON MAY 27	142 ON MAY 27	2.49 B ON APR 5	758 000	1971
1972	195 AT 08:08 EST ON MAY 4	194 ON MAY 4	3.03 B ON MAR 18	830 000	1972
1973	188 AT 17:00 EST ON APR 23	188 ON APR 23	3.06 B ON FEB 27	789 000	1973
1974	185 AT 08:40 EST ON MAY 18	185 ON MAY 18	3.11 B ON APR 1	812 000	1974
1975	197 AT 11:52 EST ON MAY 5	196 ON MAY 6	2.12 ON SEP 5	829 000	1975
1976	280 AT 12:46 EST ON APR 23 *	255 ON APR 23	1.87 B ON DEC 30	632 000	1976
1977	---	281E ON APR 22 *	1.78 B ON FEB 18	867 000	1977
1978	178 AT 13:51 EST ON MAY 15	176 ON MAY 15	2.10 B ON MAR 30	574 000	1978
1979	186 AT 14:17 EST ON MAY 12	184 ON MAY 12	1.67 B ON MAR 14	737 000	1979
1980	---	232E ON MAY 4	2.85 B ON MAR 30	836 000	1980
1981	113 AT 05:12 EST ON MAY 5	111 ON MAY 5	0.930 ON SEP 24 *	435 000	1981
1982	234 AT 20:04 EST ON MAY 7	222 ON MAY 7	1.55 B ON MAR 13	836 000	1982
1983	---	172B ON MAY 4	1.80 ON AUG 24	798 000	1983
1984	189 AT 22:26 EST ON APR 28	185 ON APR 28	2.90 B ON MAR 16	831 000	1984
				696 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PARKHILL CREEK ABOVE PARKHILL RESERVOIR - STATION NO. 02FF008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	6.53	0.985	1.05	0.170	0.084	0.018	0	0	1.67	2.09	---	1973
1974	3.32	2.01	3.80	2.38	2.86	0.236	0.029	0	0	0	0.503	0.880	1.32	1974
1975	3.51	2.63	4.15	3.86	0.334	0.738	0.026	0.108	0.203	0.036	0.212	1.45	1.45	1975
1976	1.30	7.81	4.67	2.15	1.30	0.212	2.09	1.09	0.559	0.489	2.45	0.355	2.02	1976
1977	0.185	0.265	7.84	1.46	0.169	0.038	0.410	0.003	0.558	0.790	1.63	5.46	1.59	1977
1978	0.339	0.293	4.64	5.83	0.728	0.155	0.006	0.001	0.063	0.388	0.149	0.901	1.12	1978
1979	1.31	0.288	8.26	4.87	0.415	0.098	0.195	0.011	0	0.068	3.54	3.39	1.71	1979
1980	0.441	0.193	3.90	2.23	0.798	0.603	0.110	0.066	0.018	1.08	0.160	1.32	0.816	1980
1981	0.106	6.50	1.45	1.23	1.06	0.332	0.024	0.233	2.87	3.52	1.73	1.39	1.67	1981
1982	1.85	0.248	7.23	2.30	0.247	0.519	0.022	0.089	0.087	0.344	2.58	4.14	1.63	1982
1983	0.807	2.22	1.00	1.70	2.22	0.947	0.195	0.334	0.216	0.061	1.04	2.58	1.10	1983
1984	0.170	4.03	2.97	1.57	0.892	1.85	0.198	0.038	1.38	0.052	2.07	2.78	1.47	1984
MEAN	1.18	2.44	4.54	2.54	1.01	0.475	0.283	0.166	0.498	0.587	1.48	2.21	1.45	MEAN

LOCATION - LAT 43 08 48 N DRAINAGE AREA, 110 km^2
LONG 81 37 54 W NATURAL FLOW

PARKHILL CREEK ABOVE PARKHILL RESERVOIR - STATION NO. 02FF008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	28.2 AT 19:59 EST ON MAR 11	18.3 ON DEC 27	0 ON AUG 8 *	---	1973
1974	38.2 AT 05:44 EST ON MAR 5	28.2 ON MAR 5	0 ON JUL 18	41 600	1974
1975	34.5 AT 10:13 EST ON APR 19	27.7 ON APR 19	0 ON JUL 27	45 600	1975
1976	---	26.3E ON MAR 4	0.004 ON SEP 8	63 700	1976
1977	---	32.0A ON MAR 13	0 A ON JUN 27	50 000	1977
1978	31.1 AT 20:35 EST ON APR 1	25.6 ON APR 1	0 ON JUL 12	35 400	1978
1979	44.5 AT 01:53 EST ON APR 14 *	36.8 ON APR 14 *	0 ON AUG 15	53 900	1979
1980	26.5 AT 15:26 EST ON MAR 21	20.6 ON MAR 21	0 ON AUG 27	29 000	1980
1981	30.7 AT 01:39 EST ON SEP 2	26.0 ON FEB 23	0.006 ON AUG 25	52 500	1981
1982	26.6 AT 04:56 EST ON MAR 31	23.1 ON MAR 31	0.008 ON AUG 1	51 300	1982
1983	17.7 AT 02:32 EST ON DEC 13	12.5 ON DEC 13	0.012 ON JUL 27	34 800	1983
1984	---	28.0B ON FEB 14	0.015 ON AUG 17	46 400	1984
				45 800	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PARKHILL CREEK NEAR PARKHILL - STATION NO. 02FF003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	---	---	---	---	1953
1954	0.824	7.32	4.57	2.51	0.090	0.315	0	0.027	0	0	0	0.034	---	1954
						0	0	0	0	5.05	1.48	3.08	2.13	
1955	2.30	1.73	4.81	0.845	0.009	0	0							1955
1956	0.174	0.875	7.59	1.81	3.85	0.058	0.028		0	0		0.045	0.280	0.801	1956
1957	2.52	3.14	1.58	1.52	0.837	0.088	0.017	1.27	0.822	0.137	0.123	2.20	1.59	1957
1958	0.286	0.486	3.16	0.325	0.032	0.004	0.007	0	0.003	0.084	1.02	3.82	1.20	1958
1959	0.810	2.19	11.8	2.26	0.899	0.058	0.031	0	0.024	0.005	0.227	0.055	0.393	1959
								0.010	0.022	0.745	1.88	3.02	1.87	
1960	1.19	1.00	5.52	4.89	2.09	1.14	0.032	0.001	0	0	0	0.018	1.41	1960
1961	0.028	2.80	1.23	1.46	1.11	0.048	0.177	0.269	0.057	0.034	0.542	0.432	0.888	1961
1962	0.111	0.228	3.69	0.551	0.181	0.061	0.001	0.004	0	0.199	2.72	1.53	0.777	1962
1963	0.102	0.028	5.83	0.673	0.867	0.078	0.005	0	0	0	0	0	0.824	1963
1964	1.38	0.840	2.40	1.58	0.235	0.017	0.002	0.487	0.087	0.049	0.040	1.21	0.897	1964
1965	0.985	3.17	1.88	3.24	0.181	0.023	0.008	0.010	0.007	0.231	1.42	5.08	1.34	1965
1966	0.542	2.34	3.06	1.82	0.678	1.48	0.042	0.109	0.017	0.047	2.21	5.87	1.49	1966
1967	1.76	1.09	4.98	4.13	0.844	1.24	0.482	0.755	0.059	---	---	---	---	1967
MEAN	0.934	1.85	4.50	1.94	0.835	0.305	0.081	0.195	0.072	0.540	0.819	1.90	1.16	MEAN

LOCATION - LAT 43 10 11 N
LONG 81 41 00 W

DRAINAGE AREA, 124 km²
NATURAL FLOW

PARKHILL CREEK NEAR PARKHILL - STATION NO. 02FF003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1953	---	---	---	---	1953
1954	---	---	---	---	1954
		72.5 E ON OCT 15	0 B ON JAN 1 *	87 100	
1955	---				1955
1956	---	20.2 ON MAR 1	0 ON JAN 31	25 200	1956
1957	---	59.5 B ON MAR 7	0 ON JUN 13	50 300	1957
1958	---	37.1 ON DEC 21	0 ON JUL 18	37 800	1958
1959	---	13.0 ON MAR 1	0 ON MAY 18	12 400	1959
		30.0 ON MAR 18	0 ON JUL 10	82 300	
1960	156 AT 23:00 EST ON MAR 30 *	93.7 ON MAR 31 *	0 ON AUG 8	46 600	1960
1961	31.4 AT 02:30 EST ON FEB 24	23.8 ON FEB 24	0.005 ON SEP 18	21 000	1961
1962	48.6 AT 21:00 EST ON NOV 10	20.1 ON NOV 11	0 ON JUL 8	24 500	1962
1963	37.4B AT 03:00 EST ON MAR 26	28.9 B ON MAR 25	0 ON JUL 13	18 700	1963
1964	14.8 AT 21:00 EST ON DEC 25	8.63 ON APR 7	0 ON JAN 1	22 000	1964
1965	63.1 AT 15:00 EST ON DEC 25	37.1 ON DEC 25	0.003 ON JUL 21	42 300	1965
1966	91.2 AT 09:00 EST ON DEC 7	73.8 ON DEC 7	0.008 ON JUL 21	47 100	1966
1967	109 AT 07:00 EST ON APR 3	46.7 ON APR 3	---	---	1967
				38 800	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PARKS CREEK NEAR LATTA - STATION NO 02HL103

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	---	---	---	---	---	---	---	---	---	---	1.84	---	---	1968
1969	---	---	5.08	7.84	5.74	2.80	1.38	0.818	0.229	0.207	0.987	2.03	---	1969
1970	---	---	---	8.05	3.04	0.875	0.588	0.218	0.175	0.505	2.38	2.20	---	1970
1971	1.82	2.02	3.38	17.2	4.55	1.41	0.488	0.158	0.343	0.586	0.871	2.52	2.82	1971
1972	2.48	2.14	2.88	13.1	5.40	2.59	1.84	1.03	0.474	1.98	4.42	5.85	3.68	1972
1973	5.52	4.91	11.2	7.10	3.66	1.68	0.380	0.198	0.128	0.277	1.11	2.43	3.23	1973
1974	5.42	3.64	7.61	10.7	5.07	2.13	0.729	0.225	0.109	0.228	0.720	1.85	3.24	1974
1975	1.71	2.66	8.11	9.62	3.65	1.75	0.266	0.035	0.078	0.185	0.690	2.89	2.62	1975
1976	3.83	7.28	13.6	8.48	3.97	1.80	0.926	0.293	0.210	0.583	0.908	---	---	1976
1977	---	---	---	7.38	2.62	0.803	0.180	---	---	---	---	---	---	1977
MEAN	3.43	3.78	7.38	10.0	4.30	1.74	0.729	0.372	0.218	0.671	1.62	2.78	3.13	MEAN

LOCATION - LAT 44 17 05 N
LONG 77 15 30 W

DRAINAGE AREA, 198 km²
NATURAL FLOW

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

PARKS CREEK NEAR LATTA - STATION NO. 02HL103

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1968	---	---	---	---	1968
1969	---	---	---	---	1969
		15.6 ON MAR 25			
1970	13.1 AT 21:00 EST ON APR 10	---	---	---	1970
1971	35.4E AT 07:00 EST ON APR 14 *	34.5E ON APR 14 *	0.057 ON AUG 23	92 100	1971
1972	23.8E AT 23:08 EST ON APR 15	22.9E ON APR 17	0.246 ON SEP 23	116 000	1972
1973	21.0 AT 05:12 EST ON MAR 18	20.6 ON MAR 18	0.025 ON SEP 18	102 000	1973
1974	---	27.5 ON APR 6	0.034 ON SEP 23	102 000	1974
1975	22.1 AT 03:42 EST ON MAR 23	21.2 ON MAR 23	0 ON AUG 20 *	82 500	1975
1976	28.8 AT 01:18 EST ON MAR 28	27.9 ON MAR 28	0.057 ON AUG 31	---	1976
1977	---	24.1 ON MAR 15	---	---	1977
				98 900	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PASHKOKOGAN RIVER AT OUTLET OF PASHKOKOGAN LAKE - STATION NO. 04GA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	48.1	38.8	---	---	---	---	---	1969
1970	---	---	---	---	---	---	---	34.0	41.4	---	---	---	---	1970
1971	---	---	---	---	---	43.0	33.8	24.1	16.3	21.2	---	---	---	1971
1972	---	---	---	---	---	---	21.1	19.1	22.4	---	27.5	---	---	1972
1973	---	16.3	12.7	12.4	19.9	22.4	29.4	---	36.6	30.2	28.2	---	---	1973
1974	15.8	12.7	9.59	8.24	20.1	42.2	38.2	30.3	27.7	23.6	19.2	15.8	21.8	1974
1975	15.7	14.7	14.3	16.7	27.1	38.1	28.3	22.8	27.2	30.7	30.7	30.4	24.5	1975
1976	26.4	21.6	15.8	13.6	20.0	17.4	10.9	8.26	7.20	8.51	12.4	11.4	14.3	1976
1977	10.2	8.72	8.01	8.17	10.7	14.7	13.6	8.20	5.20	4.26	4.38	4.48	8.41	1977
1978	4.18	3.86	4.07	4.38	12.4	26.1	21.3	14.1	10.1	10.3	13.9	13.5	11.5	1978
1979	12.0	10.6	9.90	8.61	10.6	12.6	---	---	---	---	---	---	---	1979
MEAN	14.0	12.4	10.6	10.0	17.3	28.7	27.1	21.9	21.6	18.4	18.5	15.1	18.1	MEAN

LOCATION - LAT 51 02 03 N
LONG 90 12 04 W

DRAINAGE AREA, 2 230 km²
NATURAL FLOW

REMARKS - DISCONTINUED JUN 30 1983

PASHKOKOGAN RIVER AT OUTLET OF PASHKOKOGAN LAKE - STATION NO. 04GA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	51.3 AT 18:38 EST ON JUN 19 *	48.4 ON JUN 18 *	5.17E ON JAN 28	687 000	1974
1975	40.9 AT 20:54 EST ON JUN 1	38.8 ON JUN 2	13.7 ON APR 12	773 000	1975
1976	---	30.1 ON JAN 2	5.21 ON AUG 13	451 000	1976
1977	20.6 AT 17:35 EST ON JUN 18	17.3 ON JUN 18	4.10 ON OCT 8	265 000	1977
1978	29.0 AT 16:39 EST ON JUN 26	27.1 ON JUN 26	3.73E ON MAR 10 *	362 000	1978
1979	---	14.0E ON JUN 30	8.18 ON APR 24	---	1979
				508 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PATTERSON CREEK NEAR SIMCOE - STATION NO. 02GC012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	0.235	0.242	0.235	---	1963
1964	0.283	0.319	0.705	0.883	0.668	0.328	0.287	0.502	0.344	0.287	0.282	0.484	0.445	1964
1965	0.580	0.868	1.05	1.00	0.808	0.427	0.342	0.341	0.341	0.468	0.590	0.898	0.732	1965
1966	0.841	0.809	1.12	0.887	0.838	0.468	0.281	0.268	0.284	0.285	0.394	0.785	0.584	1966
1967	0.704	0.587	0.718	1.10	0.808	0.503	0.380	0.295	0.289	0.278	0.378	0.538	0.542	1967
1968	0.488	1.02	0.881	0.736	0.584	0.608	0.434	0.304	0.387	0.310	0.477	0.858	0.588	1968
1969	1.13	0.778	0.821	1.37	1.14	0.785	0.427	0.331	0.310	0.318	0.435	0.824	0.678	1969
1970	0.433	0.526	0.868	1.03	---	---	---	---	---	---	---	0.880	0.842	---	1970
1971	0.841	0.788	1.38	0.837	0.661	0.288	0.220	0.218	0.240	0.248	0.278	0.418	0.495	1971
1972	0.448	0.337	1.38	1.11	0.778	0.524	0.468	0.340	0.318	0.322	0.428	0.840	0.588	1972
1973	0.783	0.885	1.68	1.06	0.744	0.538	0.384	0.287	0.257	0.306	0.585	0.878	0.680	1973
1974	1.08	1.01	1.38	1.13	1.09	0.724	0.485	0.383	0.368	0.378	0.483	0.578	0.782	1974
1975	0.888	0.805	1.11	0.852	0.857	0.885	0.403	0.385	0.507	0.471	0.583	0.820	0.857	1975
1976	0.728	1.08	2.42	1.42	1.33	0.874	0.617	0.483	0.418	0.408	0.420	0.381	0.812	1976
1977	0.338	0.351	1.28	1.08	0.851	0.474	0.357	0.336	0.804	1.00	0.845	1.48	0.780	1977
1978	0.888	0.712	1.67	1.74	1.10	0.803	0.374	0.387	0.381	0.436	0.457	0.855	0.771	1978
1979	0.781	0.882	1.52	1.08	0.988	0.578	0.373	0.358	0.344	0.410	0.838	1.01	0.778	1979
1980	0.831	0.889	1.08	1.48	0.935	0.731	0.488	0.441	0.834	0.536	0.539	0.845	0.748	1980
1981	0.458	1.28	0.823	0.675	0.780	0.570	0.485	0.408	0.828	0.824	0.830	0.878	0.678	1981
1982	0.832	0.488	1.87	1.80	0.887	1.21	0.802	0.445	0.433	0.482	0.868	1.35	0.814	1982
1983	0.888	1.10	0.818	1.18	1.38	0.817	0.584	0.888	0.824	0.518	0.892	1.08	0.877	1983
1984	0.884	1.70	1.38	1.72	1.34	1.08	0.882	0.518	0.838	0.478	0.585	0.720	0.898	1984
MEAN	0.673	0.818	1.25	1.23	0.988	0.831	0.428	0.384	0.424	0.417	0.520	0.712	0.704	MEAN

LOCATION - LAT 42 51 13 N
LONG 80 19 41 W

DRAINAGE AREA, 51.3 km²
REGULATED

REMARKS - REGULATION BY PUMPING DURING SUMMER MONTHS

PATTERSON CREEK NEAR SIMCOE - STATION NO. 02EC012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	2.26 AT 23:30 EST ON AUG 23	1.72 ON MAR 26	0.178 ON JUL 29	14 100	1984
1985	13.8 E AT 21:00 EST ON MAR 5 *	8.69E ON MAR 5 *	0.263 ON JAN 23	23 100	1985
1986	2.41 AT 05:00 EST ON FEB 11	2.04 ON FEB 11	0.178 ON JUL 26	17 800	1986
1987	2.00 AT 21:00 EST ON APR 6	1.75 ON APR 6	0.224 ON AUG 3	17 100	1987
1988	6.08 AT 11:45 EST ON FEB 2	5.18 ON FEB 2	0.204 ON JUL 31	17 900	1988
1989	6.85 AT 16:27 EST ON JAN 30	5.69 ON JAN 30	0.284 ON AUG 30	21 400	1989
1970	---	---	---	---	1970
1971	4.70 AT 17:21 EST ON FEB 27	3.26 ON FEB 27	0.170 ON AUG 7 *	15 800	1971
1972	6.87 AT 01:36 EST ON MAR 2	4.78 ON MAR 2	0.280 ON OCT 20	18 600	1972
1973	3.45 AT 12:44 EST ON MAR 15	3.28 ON MAR 15	0.212 ON AUG 16	20 600	1973
1974	3.62 AT 08:53 EST ON MAR 5	3.40 ON MAR 5	0.320 ON AUG 26	23 700	1974
1975	2.80 AT 17:10 EST ON FEB 24	2.37 ON FEB 24	0.280 ON AUG 1	21 000	1975
1976	---	4.88 ON MAR 6	0.3548 ON DEC 31	28 800	1976
1977	4.73 AT 10:51 EST ON SEP 26	3.71 ON SEP 26	0.238 ON JUL 26	24 000	1977
1978	5.38 AT 16:19 EST ON MAR 21	4.87 ON MAR 23	0.289 ON JUL 18	24 300	1978
1979	5.10 AT 16:38 EST ON MAR 4	4.53 ON MAR 5	0.258 ON JUL 24	24 500	1979
1980	4.89 AT 17:48 EST ON MAR 21	3.42 ON MAR 22	0.335 ON JUL 21	23 700	1980
1981	4.63 AT 10:50 EST ON FEB 11	3.61 ON FEB 11	0.324 ON JUL 18	21 400	1981
1982	5.60 AT 16:21 EST ON MAR 13	4.67 ON MAR 14	0.330 ON SEP 11	24 800	1982
1983	3.49 AT 09:28 EST ON FEB 3	2.88 ON FEB 3	0.327 ON JUL 28	27 700	1983
1984	5.40 AT 05:08 EST ON FEB 14	5.15 ON FEB 14	0.400 ON AUG 26	30 200	1984
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		22 200	MEAN

PAYNE RIVER NEAR BERWICK - STATION NO. 02LB022

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	3.72	3.43	0.314	0.188	0.157	0.386	1.54	1.43	0.436	---	1976
1977	0.234	0.276	15.6	2.15	0.495	0.211	0.184	0.227	0.321	2.05	2.31	2.64	2.27	1977
1978	5.91	2.02	3.62	20.3	0.837	0.345	0.109	0.081	0.053	0.094	0.177	0.286	2.80	1978
1979	---	---	---	3.85	0.780	0.186	0.028	0.088	3.08	1.27	2.37	3.18	---	1979
1980	0.281	0.025	3.76	4.40	0.849	0.089	0.038	0.030	0.185	0.566	1.48	1.95	1.14	1980
1981	0.134	7.57	1.22	1.35	1.18	1.47	0.258	1.12	1.32	2.84	2.98	0.623	1.80	1981
1982	0.482	0.160	5.42	7.10	0.427	0.089	0.023	0.084	0.083	0.141	1.15	3.88	1.58	1982
1983	1.16	1.33	4.55	5.44	3.26	0.347	0.089	0.041	0.007	0.123	2.31	3.67	1.88	1983
1984	0.482	4.26	2.95	5.73	1.71	0.258	0.107	0.159	0.046	0.045	0.213	1.01	1.48	1984
MEAN	1.24	2.25	5.33	5.13	1.44	0.387	0.112	0.222	0.802	0.983	1.80	1.94	1.88	MEAN

LOCATION - LAT 45 11 30 N
LONG 75 08 20 W
DRAINAGE AREA, 152 km^2
NATURAL FLOW

PAYNE RIVER NEAR BERWICK - STATION NO. 02LB022

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	---	---	0.040 ON AUG 7	---	1976
1977	112 AT 23:38 EST ON MAR 13 *	102 ON MAR 14 *	0.076 ON JUL 25	71 800	1977
1978	82.1 AT 21:51 EST ON APR 13	71.1 ON APR 14	0.021 ON SEP 6	88 200	1978
1979	52.8 AT 22:54 EST ON SEP 14	38.0 ON SEP 15	0.012 ON JUL 22	---	1979
1980	34.5 AT 21:52 EST ON APR 9	27.88 ON MAR 22	0.009 ON AUG 26	35 900	1980
1981	---	46.78 ON FEB 21	0.089 ON AUG 3	58 700	1981
1982	---	48.08 ON APR 1	0.005 ON AUG 19	48 700	1982
1983	22.2 AT 17:30 EST ON MAR 19	17.8 ON MAR 19	0.003 ON SEP 14 *	58 700	1983
1984	30.0 AT 20:38 EST ON APR 6	26.2 ON APR 6	0.016 ON AUG 6	48 700	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		58 200	MEAN

PEFFERLAW BROOK NEAR UDORA - STATION NO. 02EC103

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	---	---	---	---	---	---	---	---	---	---	---	3.42	---	1969
1970	1.82	1.83	6.95	8.33	2.40	1.11	1.70	1.21	1.69	1.97	2.47	1.97	2.89	1970
1971	1.87	2.00	3.20	9.20	2.02	1.65	1.73	1.26	1.50	1.43	1.72	3.82	2.83	1971
1972	2.13	1.80	2.00	12.5	3.42	2.81	1.36	1.38	1.04	2.80	3.24	3.35	3.02	1972
1973	4.84	2.88	6.93	5.09	3.17	1.80	1.10	1.30	1.03	1.72	3.31	2.44	3.11	1973
1974	2.88	2.17	7.31	8.28	---	1.48	2.28	---	---	2.05	3.83	2.43	---	1974
1975	2.43	7.31	7.58	8.03	2.79	1.38	1.07	0.818	1.25	1.24	---	2.83	---	1975
1976	---	---	---	4.56	3.36	1.45	2.03	2.08	2.22	2.48	2.08	3.35	---	1976
1977	1.36	1.17	13.8	3.29	1.81	1.18	1.23	3.02	2.35	3.43	2.58	4.56	3.40	1977
1978	---	---	---	19.0	3.78	1.73	1.08	1.41	1.83	2.22	3.30	3.40	---	1978
1979	---	---	---	8.19	3.81	1.81	1.38	1.58	1.44	2.48	2.78	4.05	---	1979
1980	2.46	1.78	13.6	8.49	3.73	0.95	3.66	1.67	2.34	3.78	2.83	3.16	3.82	1980
1981	1.83	12.7	3.34	3.64	3.14	1.82	1.38	1.58	2.34	2.68	3.37	3.72	3.38	1981
1982	2.67	1.78	6.27	11.6	3.81	2.81	1.64	1.80	2.17	2.80	4.83	6.33	4.01	1982
1983	2.95	6.89	4.26	4.83	4.82	1.74	1.04	1.54	1.38	3.02	3.60	3.52	3.08	1983
1984	2.02	11.6	8.12	8.50	3.82	1.67	1.18	1.38	2.00	1.87	2.68	3.05	3.83	1984
MEAN	2.48	4.34	7.13	7.84	3.01	1.78	1.88	1.59	1.78	2.23	3.03	3.08	3.28	MEAN

LOCATION - LAT 44 16 04 N
LONG 79 11 42 W
DRAINAGE AREA, 332 km^2
NATURAL FLOW

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

PEFFERLAW BROOK NEAR UDORA - STATION NO 02EC103

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1969	---	---	---	---	1969
1970	22.4E AT 14:30 EST ON APR 10	22.1E ON APR 10	0.621 ON AUG 28	81 500	1970
1971	20.1 AT 20:00 EST ON APR 5	18.5 ON APR 5	0.881 ON AUG 21	78 900	1971
1972	---	53.8E ON APR 14	0.804 ON SEP 22	95 400	1972
1973	21.2 AT 07:00 EST ON MAR 8	20.7 ON MAR 8	0.882 ON JUL 19	98 100	1973
1974	43.9 AT 15:06 EST ON MAR 6	42.8 ON MAR 6	0.868 ON JUL 19	---	1974
1975	48.1 AT 03:55 EST ON FEB 26	46.7 ON FEB 26	---	---	1975
1976	---	---	0.872 ON JUN 13	---	1976
1977	55.5 AT 00:30 EST ON MAR 12	50.7 ON MAR 12	0.806 ON JUL 28 *	107 000	1977
1978	36.2 AT 02:06 EST ON APR 9	34.8 ON APR 9	---	---	1978
1979	---	---	0.907 ON JUL 23	---	1979
1980	---	65.1 ON MAR 22 *	1.02 ON JUL 18	121 000	1980
1981	70.0 AT 01:14 EST ON FEB 21	65.0 ON FEB 21	0.854 ON JUL 17	107 000	1981
1982	66.0 AT 22:48 EST ON APR 1	58.0 ON APR 1	0.930 ON AUG 18	126 000	1982
1983	21.3 AT 15:30 EST ON FEB 5	18.7 ON FEB 5	0.753 ON JUL 28	97 500	1983
1984	72.5 AT 05:07 EST ON FEB 16 *	65.0 ON FEB 16	0.853 ON JUL 14	121 000	1984
				103 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PERCH LAKE INLET NO 1 NEAR CHALK RIVER - STATION NO 02KA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	0.013	0.008	---	1967
1968	0.003	0.003	0.018	0.023	0.006	0.009	0.003	0	0.003	0.002	0.003	0.002	0.006	1968
1969	0.002	0.002	0.006	0.026	0.021	0.006	0.001	0.008	0.002	0.006	0.014	0.006	0.006	1969
1970	0.001	0.001	0.002	0.029	0.018	0.007	0.009	0	0.001	0.005	0.007	0.003	0.007	1970
1971	0.002	0.002	0.006	0.037	0.013	0.003	0	0	0	0	0	0.002	0.005	1971
1972	0.001	0.001	0.002	0.031	0.014	0.008	0.006	0.007	0.006	0.008	0.012	0.006	0.009	1972
1973	0.006	0.003	0.014	0.026	0.013	0.026	0.003	0.004	0.003	0.006	0.008	0.007	0.010	1973
1974	0.004	0.003	0.006	0.039	0.027	0.007	0.003	0.002	0.002	0.003	0.006	0.006	0.009	1974
1975	0.004	0.003	0.006	0.025	0.008	0.005	0	0	0	0.002	0.002	0.004	0.005	1975
1976	0.001	0.001	0.014	0.036	0.013	0.003	0.001	0.001	0.001	0.002	0.004	0.002	0.006	1976
1977	0.001	0.001	0.016	0.017	0.004	0.001	0	0	0.001	0.003	0.006	0.006	0.005	1977
1978	0.004	0.002	0.001	0.020	0.007	0.003	0	0.001	0.001	0.003	0.003	0.002	0.004	1978
1979	0.004	0.006	0.016	0.037	0.016	0.004	0.001	0	0.001	0.007	0.008	0.005	0.009	1979
1980	0.001	0	0.006	0.021	0.011	0.007	0.009	0.003	0.003	0.012	0.006	0.004	0.007	1980
1981	0.003	0.016	0.017	0.018	0.010	0.004	0.001	0.001	0.006	0.006	0.006	0.005	0.006	1981
1982	0.003	0.007	0.010	0.034	0.006	0.012	0.001	0	0.002	0.004	0.006	0.013	0.009	1982
1983	0.003	0.004	0.020	0.033	0.033	0.006	0	0	0.001	0.004	0.006	0.003	0.010	1983
1984	0.002	0.006	0.006	0.038	0.018	0.005	0.006	0	0.001	0.003	0.006	0.005	0.006	1984
MEAN	0.003	0.004	0.010	0.029	0.014	0.007	0.003	0.002	0.002	0.004	0.007	0.005	0.007	MEAN

LOCATION - LAT 46 02 10 N DRAINAGE AREA, 93 km^2
LONG 77 22 45 W NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE.

PERCH LAKE INLET NO 1 NEAR CHALK RIVER - STATION NO 02KA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	0.156 AT 18:30 EST ON MAR 29	0.105 ON MAR 29	0 B ON JAN 11 *	196	1968
1969	0.125 AT 03:25 EST ON AUG 19	0.071 ON MAY 19	0 ON JUL 8	259	1969
1970	0.127 AT 20:10 EST ON APR 14	0.082 ON APR 14	0 ON JAN 22	217	1970
1971	0.113 AT 01:40 EST ON APR 22	0.082 ON APR 21	0 ON JUN 18	171	1971
1972	0.110 AT 21:05 EST ON APR 24	0.078 ON APR 25	0.001 ON JAN 1	288	1972
1973	0.343E AT 19:15 EST ON JUN 11 *	0.170E ON JUN 11 *	0.001 ON JUL 17	301	1973
1974	0.118 AT 16:56 EST ON MAY 12	0.051 ON APR 17	0 ON AUG 21	285	1974
1975	0.113 AT 10:12 EST ON APR 19	0.059 ON APR 19	0 ON JUN 24	156	1975
1976	0.125 AT 18:21 EST ON APR 1	0.110 ON APR 1	0 ON JUL 19	301	1976
1977	0.071 AT 00:17 EST ON MAR 31	0.057 ON MAR 30	0 ON MAY 25	145	1977
1978	0.057 AT 20:39 EST ON APR 21	0.048 ON APR 21	0 ON JUN 23	122	1978
1979	0.100 AT 02:05 EST ON APR 3	0.082 ON APR 3	0 ON JUL 11	277	1979
1980	0.061 AT 22:35 EST ON JUL 28	0.041 ON APR 8	0 ON JAN 6	225	1980
1981	0.101 AT 15:07 EST ON MAR 30	0.078 ON MAR 30	0 ON JUL 11	251	1981
1982	0.117 AT 15:57 EST ON APR 15	0.096 ON APR 17	0 ON JUL 15	268	1982
1983	0.189 AT 22:31 EST ON MAY 7	0.126 ON MAR 18	0 ON JUL 10	301	1983
1984	0.153 AT 06:34 EST ON APR 8	0.139 ON APR 8	0 ON AUG 4	248	1984
				239	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO 02KA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	0.044	0.032	---	1967
1968	0.010	0.004	0.041	0.095	0.028	0.023	0.024	0.003	0.016	0.008	0.013	0.008	0.023	1968
1969	0.008	0.009	0.018	0.081	0.067	0.024	0.009	0.038	0.013	0.020	0.055	0.018	0.032	1969
1970	0.006	0.002	0.006	0.097	0.078	0.027	0.038	0.001	0.004	0.018	0.021	0.013	0.026	1970
1971	0.008	0.008	0.012	0.131	0.076	0.018	0	0	0	0	0.003	0.007	0.022	1971
1972	0.004	0.003	0.005	0.101	0.090	0.040	0.037	0.042	0.028	0.043	0.048	0.021	0.039	1972
1973	0.021	0.018	0.055	0.201	0.063	0.122	0.033	0.020	0.015	0.024	0.028	0.028	0.053	1973
1974	0.013	0.010	0.018	0.171	0.126	0.028	0.008	0.011	0.006	0.008	0.044	0.014	0.038	1974
1975	0.010	0.007	0.014	0.118	0.051	0.027	0	0	0	0.010	0.006	0.007	0.020	1975
1976	0	0.001	0.022	0.184	0.084	0.013	0.005	0	0.002	0.003	0.008	0.004	0.025	1976
1977	0.001	0.001	0.040	0.095	0.017	0.003	0	0.001	0.009	0.018	0.025	0.021	0.019	1977
1978	0.014	0.009	0.008	0.135	0.056	0.020	0.005	0.009	0.008	0.017	0.010	0.009	0.025	1978
1979	0.012	0.011	0.042	0.188	0.086	0.018	0.005	0.001	0.004	0.045	0.032	0.021	0.037	1979
1980	0.003	0	0.031	0.118	0.048	0.027	0.039	0.014	0.019	0.050	0.027	0.021	0.033	1980
1981	0.012	0.004	0.078	0.130	0.057	0.022	0.002	0.004	0.043	0.033	0.019	0.013	0.039	1981
1982	0.007	0.008	0.013	0.113	0.028	0.046	0.002	0	0.011	0.018	0.027	0.038	0.026	1982
1983	0.014	0.010	0.050	0.121	0.148	0.027	0.001	0	0.002	0.014	0.029	0.013	0.036	1983
1984	0.006	0.014	0.018	0.140	0.052	0.015	0.019	0.001	0.003	0.008	0.027	0.023	0.027	1984
MEAN	0.009	0.011	0.028	0.130	0.067	0.029	0.013	0.008	0.011	0.020	0.026	0.017	0.031	MEAN

LOCATION - LAT 46 02 12 N DRAINAGE AREA, 3.90 km²
LONG 77 22 32 W NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE.

PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO 02KA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1967	---	---	---	---	1967
1968	0.303 AT 23:00 EST ON MAR 30	0.286 ON MAR 31	0 ON JUL 27 *	721	1968
1969	0.358 AT 22:39 EST ON AUG 18	0.258 ON AUG 19	0 ON JUL 18	1 000	1969
1970	0.422 AT 18:08 EST ON MAY 12	0.289 ON MAY 12	0 ON AUG 7	820	1970
1971	0.317 AT 15:45 EST ON APR 29	0.289 ON APR 28	0 ON JUN 30	883	1971
1972	0.377 AT 20:00 EST ON MAY 1	0.348 ON MAY 1	0.003 ON JAN 18	1 220	1972
1973	0.487 AT 04:41 EST ON JUN 12	0.386 ON JUN 13	0.002 ON SEP 9	1 680	1973
1974	0.476 AT 05:14 EST ON APR 15	0.391 ON APR 24	0 ON JUL 22	1 190	1974
1975	0.351 AT 21:36 EST ON APR 23	0.340 ON APR 24	0 ON JUN 25	846	1975
1976	0.413 AT 16:55 EST ON APR 6	0.357B ON APR 6	0 E ON JAN 11	806	1976
1977	0.229 AT 14:17 EST ON MAR 31	0.204 ON MAR 31	0 ON MAY 26	611	1977
1978	0.366 AT 01:05 EST ON APR 23	0.345 ON APR 22	0 ON JUL 4	781	1978
1979	0.271 AT 20:27 EST ON APR 14	0.261E ON APR 28	0 ON JUL 13	1 170	1979
1980	0.238 AT 23:13 EST ON APR 9	0.214 ON APR 10	0 ON FEB 8	1 050	1980
1981	0.414 AT 15:53 EST ON MAR 30	0.376 ON MAR 31	0 ON JUL 15	1 230	1981
1982	0.286 AT 20:13 EST ON APR 17	0.273 ON APR 17	0 ON JUL 17	812	1982
1983	0.479 AT 01:57 EST ON MAY 8 *	0.437 ON MAY 8 *	0 ON JUL 12	1 130	1983
1984	0.317 AT 08:08 EST ON APR 5	0.301 ON APR 5	0 ON AUG 9	854	1984
				985	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PERCH LAKE INLET NO. 3 NEAR CHALK RIVER - STATION NO. 02KA006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	0.007	0.005	---	1967
1968	0.001	0.001	0.005	0.014	0.005	0.005	0.002	0	0.001	0.001	0.001	0.001	0.003	1968
1969	0.001	0.001	0.002	0.014	0.014	0.004	0.002	0.003	0.001	0.001	0.005	0.003	0.004	1969
1970	0.001	0.002	0.001	0.015	0.010	0.005	0.004	0	0	0.002	0.003	0.001	0.004	1970
1971	0	0.001	0.001	0.021	0.008	0.003	0	0	0	0	0	0.001	0.003	1971
1972	0	0	0	0.018	0.013	0.007	0.005	0.005	0.003	0.005	0.005	0.004	0.005	1972
1973	0.004	0.003	0.014	0.038	0.016	0.023	0.003	0.003	0.001	0.003	0.004	0.003	0.008	1973
1974	0.002	0.001	0.002	0.030	0.025	0.005	0.001	0.001	0.001	0.001	0.005	0.001	0.005	1974
1975	0.001	0.001	0.002	0.018	0.007	0.004	0	0	0	0.001	0	0	0.003	1975
1976	0	0	0.004	0.027	0.013	0.003	0.001	0	0	0	0.001	0	0.004	1976
1977	0	0	0.006	0.014	0.003	0	0	0	0	0.001	0.002	0.002	0.002	1977
1978	0.001	0	0	0.020	0.010	0.003	0	0.001	0	0.001	0.001	0.001	0.003	1978
1979	0.001	0.001	0.005	0.029	0.014	0.003	0.001	0	0.001	0.004	0.004	0.003	0.006	1979
1980	0.001	0	0.005	0.020	0.008	0.005	0.005	0.002	0.002	0.007	0.006	0.003	0.005	1980
1981	0.002	0.012	0.014	0.024	0.013	0.005	0.001	0.001	0.008	0.005	0.003	0.002	0.007	1981
1982	0.002	0.003	0.003	0.018	0.007	0.007	0.001	0	0.001	0.002	0.003	0.005	0.004	1982
1983	0.002	0.003	0.008	0.024	0.025	0.005	0.001	0	0.001	0.002	0.003	0.002	0.006	1983
1984	0.001	0.002	0.002	0.033	0.012	0.003	0.005	0	0.001	0.002	0.003	0.003	0.005	1984
MEAN	0.001	0.002	0.004	0.022	0.012	0.005	0.002	0.001	0.001	0.002	0.003	0.002	0.005	MEAN

LOCATION - LAT 46 01 48 N DRAINAGE AREA, .81 km²
LONG 77 22 17 W NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE.

PERCH LAKE INLET NO. 3 NEAR CHALK RIVER - STATION NO. 02KA006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	0.116 AT 21:15 EST ON MAR 31	0.034 ON MAR 31	0B ON JAN 13 *	100	1968
1969	0.113 AT 03:35 EST ON MAY 19	0.051 ON MAY 19	0 ON MAR 18	133	1969
1970	0.088 AT 15:00 EST ON JUL 20	0.057 ON JUL 20	0 ON JUL 9	117	1970
1971	0.085 AT 22:45 EST ON APR 23	0.054 ON APR 23	0 ON JAN 1	91.2	1971
1972	0.085 AT 23:20 EST ON APR 30	0.055 ON APR 30	0 ON JAN 1	193	1972
1973	0.122 AT 22:00 EST ON APR 16 *	0.093 ON APR 16	0 ON JUL 23	289	1973
1974	0.102 AT 18:01 EST ON MAY 12	0.074 ON MAY 12	0 ON JUL 11	199	1974
1975	0.079 AT 01:55 EST ON APR 24	0.068 ON APR 24	0 ON JUN 20	91.9	1975
1976	0.074 AT 00:45 EST ON APR 16	0.062 ON APR 15	0 ON JAN 1	127	1976
1977	0.065 AT 01:41 EST ON MAR 31	0.034 ON MAR 30	0 ON JAN 1	70.9	1977
1978	0.085 AT 18:55 EST ON APR 21	0.057 ON APR 21	0 ON JAN 1	102	1978
1979	0.084 AT 15:10 EST ON APR 14	0.056 ON APR 14	0 ON JUL 10	178	1979
1980	0.052 AT 06:05 EST ON APR 9	0.044 ON APR 9	0 ON JAN 6	170	1980
1981	---	0.095 ON MAR 30 *	0 ON JUL 12	232	1981
1982	0.087 AT 15:55 EST ON APR 17	0.079 ON APR 17	0 ON JUL 16	140	1982
1983	---	0.082A ON MAY 8	0 ON JUL 13	201	1983
1984	0.088 AT 07:54 EST ON APR 6	0.073 ON APR 6	0 ON JUL 5	148	1984
				152	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PERCH LAKE INLET NO. 4 NEAR CHALK RIVER - STATION NO. 02KA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	0.004	0.002	---	1967
1968	0	0.001	0.003	0.007	0.002	0.003	0.001	0	0.002	0.001	0	0.001	0.002	1968
1969	0	0.001	0.003	0.008	0.007	0.002	0.001	0.001	0.001	0.001	0.005	0.002	0.003	1969
1970	0.002	0.001	0.001	0.008	0.004	0.002	0.002	0	0.001	0.002	0.002	0.001	0.002	1970
1971	0	0.001	0	0.014	0.004	0.001	0	0	0	0	0.001	0.001	0.002	1971
1972	0	0	0.001	0.013	0.005	0.003	0.004	0.003	0.002	0.003	0.005	0.002	0.003	1972
1973	0.002	0.001	0.008	0.014	0.005	0.008	0.001	0.001	0	0.001	0.002	0.002	0.004	1973
1974	0.001	0.001	0.001	0.017	0.009	0.002	0	0.001	0.001	0.001	0.002	0.001	0.003	1974
1975	0.001	0.001	0.002	0.014	0.003	0.002	0	0	0	0.001	0.001	0.001	0.002	1975
1976	0	0	0.005	0.013	0.005	0.001	0.001	0	0.001	0	0.001	0	0.002	1976
1977	0	0	0.005	0.007	0.001	0	0	0	0.001	0.001	0.001	0.002	0.002	1977
1978	0.001	0.001	0.001	0.013	0.004	0.001	0	0.001	0	0.002	0.001	0.001	0.002	1978
1979	0.002	0.002	0.005	0.013	0.005	0.002	0.001	0.001	0.001	0.003	0.003	0.002	0.003	1979
1980	0.001	0	0.004	0.008	0.004	0.003	0.003	0.002	0.002	0.004	0.003	0.002	0.003	1980
1981	0.002	0.008	0.005	0.009	0.005	0.002	0.001	0.001	0.004	0.003	0.002	0.002	0.004	1981
1982	0.002	0.002	0.002	0.011	0.003	0.004	0.001	0	0.002	0.002	0.003	0.004	0.003	1982
1983	0.002	0.002	0.006	0.010	0.013	0.002	0.001	0	0.001	0.002	0.002	0.002	0.004	1983
1984	0.002	0.002	0.002	0.011	0.005	0.002	0.002	0.001	0.001	0.002	0.002	0.002	0.003	1984
MEAN	0.001	0.001	0.003	0.011	0.005	0.002	0.001	0.001	0.001	0.002	0.002	0.002	0.003	MEAN

LOCATION - LAT 46 01 48 N DRAINAGE AREA, .24 km^2
LONG 77 32 31 W NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE.

PERCH LAKE INLET NO. 4 NEAR CHALK RIVER - STATION NO. 02KA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	0.065 AT 17:50 EST ON MAR 29	0.033 ON MAR 29	0B ON JAN 3 *	54.5	1968
1969	0.031 AT 10:30 EST ON APR 10	0.025 ON APR 10	0 ON JAN 1	87.4	1969
1970	0.042 AT 17:20 EST ON JUL 20	0.028 ON JUL 20	0 ON JUL 9	72.0	1970
1971	0.037 AT 01:00 EST ON APR 22	0.024 ON APR 21	0 ON JAN 9	57.6	1971
1972	0.042 AT 20:30 EST ON APR 24	0.024 ON APR 24	0 ON JAN 2	108	1972
1973	0.051 AT 00:10 EST ON JUN 12	0.045 ON APR 2	0 ON JUL 16	124	1973
1974	0.071E AT 10:20 EST ON APR 24	0.051E ON APR 23	0 ON JUN 28	96.6	1974
1975	0.068 AT 08:40 EST ON APR 20	0.059 ON APR 20 *	0 ON MAY 25	63.1	1975
1976	0.074 AT 13:53 EST ON APR 1	0.043 ON APR 1	0 ON JAN 5	73.7	1976
1977	0.034 AT 00:30 EST ON MAR 31	0.027 ON MAR 30	0 ON JAN 1	50.8	1977
1978	---	0.034 ON APR 21	0 ON MAR 8	71.3	1978
1979	0.044 AT 00:32 EST ON APR 3	0.038 ON MAR 25	0 ON JUL 13	107	1979
1980	0.029 AT 07:26 EST ON APR 9	0.024 ON APR 8	0 ON FEB 4	88.4	1980
1981	0.070 AT 18:52 EST ON FEB 23	0.048 ON FEB 23	0 ON JUL 14	115	1981
1982	0.041 AT 08:36 EST ON APR 17	0.036 ON APR 17	0 ON JUL 22	83.5	1982
1983	0.101 AT 18:23 EST ON MAY 7 *	0.075E ON MAY 8	0 ON JUL 14	114	1983
1984	---	0.052E ON APR 8	0 ON AUG 11	80.9	1984
				87.0	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PERCH LAKE INLET NO. 5 NEAR CHALK RIVER - STATION NO. 02KA008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	0	0	0	0.006	0.002	0.001	0.002	0.001	0.001	0.002	0.002	0.001	0.001	1972
1973	0.001	0	0.003	0.006	0.002	0.004	0	0	0	0	0	0	0.001	1973
1974	0 R	0 R	0 R	0.007	0.004	0	0	0	0	0	0.001R	0 R	0.001R	1974
1975	0	0	0	0.005	0.001	0	0	0	0	0	0	0	0.001	1975
1976	0	0	0.002	0.006	0.002	0	0	0	0	0	0	0	0.001	1976
1977	0	0	0.002	0.004	0.001	0	0	0	0	0	0.001	0.001	0.001	1977
1978	0	0	0	0.006	0.002	0	0	0	0	0	0	0	0.001	1978
1979	0	0	0.002	0.007	0.002	0	0	0	0	0	0.001	0.001	0.001	1979
1980	0	0	0.001	0.005	0.002	0.001	0.001	0	0	0.002	0.001	0.001	0.001	1980
1981	0	0.003	0.003	0.004	0.002	0.001	0	0	0	0.001	0.001	0.001	0.001	1981
1982	0	0	0.001	0.005	0.001	0.001	0	0	0	0	0.001	0.002	0.001	1982
1983	0.001	0.001	0.003	0.004	0.005	0.001	0	0	0	0	0	0.001	0.001	1983
1984	0	0.001	0.001	0.005	0.002	0.001	0.001	0	0	0	0	0.001	0.001	1984
MEAN	0 R	0 R	0.001R	0.006	0.002	0.001	0	0	0	0	0.001R	0.001R	0.001	MEAN

LOCATION - LAT 46 01 58 N DRAINAGE AREA, 11 km²
LONG 77 22 43 W NATURAL FLOW

R - REVISED SINCE JAN 1980

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE.

PERCH LAKE INLET NO. 5 NEAR CHALK RIVER - STATION NO. 02KA008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1972	0.025 AT 18:30 EST ON JUL 25	0.016A ON APR 24	0E ON JAN 1 *	45.7	1972
1973	0.040 AT 10:45 EST ON JUN 11	0.021 ON APR 1	0 ON JAN 5	41.6	1973
1974	0.031 AT 09:58 EST ON APR 17	0.018B ON APR 14	0RE ON JAN 1	30.8R	1974
1975	---	0.040A ON APR 19 *	0E ON JAN 1	18.8	1975
1976	0.042 AT 08:36 EST ON APR 1 *	0.028 ON APR 1	0E ON JAN 1	29.3	1976
1977	0.024 AT 21:21 EST ON MAR 30	0.015 ON MAR 30	0 ON JAN 1	21.8	1977
1978	0.022 AT 00:50 EST ON APR 21	0.017 ON APR 20	0 ON JAN 1	23.6	1978
1979	0.028 AT 20:35 EST ON APR 2	0.020 ON APR 2	0 ON JAN 1	41.3	1979
1980	0.017 AT 01:12 EST ON APR 8	0.012 ON APR 8	0 ON JAN 4	39.3	1980
1981	0.030 AT 12:59 EST ON MAR 30	0.023A ON MAR 30	0 ON JAN 15	42.6	1981
1982	0.035 AT 08:15 EST ON APR 17	0.027 ON APR 17	0 ON JAN 12	32.6	1982
1983	0.037 AT 20:26 EST ON MAY 7	0.027 ON MAY 7	0 ON JUN 15	39.9	1983
1984	0.041 AT 00:07 EST ON APR 8	0.023 ON APR 8	0 ON JAN 1	31.1	1984
				33.8R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

PERCH LAKE OUTLET NEAR CHALK RIVER - STATION NO. 02KA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	0.001	0.088	0.115	---	1966
1967	0.038	0.031	0.035	0.283	0.108	0.167	0.048	0.003	0.014	0.136	0.127	0.055	0.067	1967
1968	0.024	0.041	0.071	0.209	0.049	0.046	0.049	0.008	0.027	0.020	0.029	0.029	0.050	1968
1969	0.024	0.031	0.030	0.178	0.185	0.040	0.013	0.054	0.025	0.037	0.111	0.041	0.063	1969
1970	0.010	0.011	0.018	0.185	0.135	0.050	0.065	0.005	0.005	0.042	0.049	0.035	0.048	1970
1971	0.022	0.032	0.035	0.216	0.129	0.032	0.001	0	0	0	0.008	0.028	0.042	1971
1972	0.017	0.020	0.028	0.188	0.181	0.068	0.076	0.054	0.048	0.081	0.095	0.052	0.076	1972
1973	0.045	0.035	0.108	0.315	0.119	0.226	0.042	0.032	0.018	0.036	0.044	0.060	0.090	1973
1974	0.031	0.032	0.038	0.271	0.233	0.051	0.015	0.024	0.010	0.018	0.076	0.037	0.069	1974
1975	0.031	0.022	0.034	0.175	0.091	0.051	0	0	0	0.008	0.017	0.027	0.038	1975
1976	0.014	0.015	0.051	0.291	0.120	0.028	0.014	0.002	0.004	0.008	0.020	0.018	0.048	1976
1977	0.011	0.011	0.066	0.178	0.035	0.004	0.001	0	0.012	0.038	0.049	0.052	0.038	1977
1978	0.034	0.022	0.014	0.211	0.115	0.032	0.006	0.015	0.018	0.028	0.018	0.027	0.045	1978
1979	0.037	0.028	0.073	0.302	0.145	0.032	0.013	0.005	0.007	0.082	0.082	0.053	0.068	1979
1980	0.018	0.006	0.050	0.205	0.091	0.046	0.074	0.033	0.027	0.085	0.058	0.051	0.062	1980
1981	0.024	0.116	0.142	0.237	0.092	0.033	0.006	0.007	0.091	0.053	0.038	0.035	0.072	1981
1982	0.024	0.021	0.035	0.195	0.050	0.093	0.011	0	0.010	0.032	0.051	0.052	0.050	1982
1983	0.041	0.026	0.083	0.197	0.244	0.048	0.003	0	0.002	0.022	0.053	0.035	0.064	1983
1984	0.018	0.027	0.034	0.238	0.104	0.031	0.037	0.005	0.006	0.013	0.047	0.044	0.050	1984
MEAN	0.026	0.028	0.053	0.225	0.123	0.060	0.026	0.015	0.018	0.038	0.054	0.048	0.059	MEAN

LOCATION - LAT 46 02 08 N DRAINAGE AREA, 7.30 km²
LONG 77 22 15 W NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE.

PERCH LAKE OUTLET NEAR CHALK RIVER - STATION NO. 02KA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	0.504 AT 21:00 EST ON APR 18	0.484 ON APR 18	0 ON AUG 15 *	2 740	1967
1968	0.484 AT 14:20 EST ON APR 1	0.453 ON APR 1	0.002 ON SEP 1	1 580	1968
1969	0.317 AT 04:30 EST ON MAY 19	0.306 ON MAY 20	0.002 ON JUL 23	2 000	1969
1970	0.357 AT 12:10 EST ON APR 22	0.340 ON APR 22	0 ON AUG 18	1 560	1970
1971	0.436 AT 12:35 EST ON APR 26	0.428 ON APR 26	0 ON JUL 8	1 320	1971
1972	0.521 AT 19:10 EST ON MAY 2	0.518 ON MAY 2	0.012A ON FEB 2	2 370	1972
1973	0.595 AT 16:00 EST ON JUN 12 *	0.583 ON JUN 12 *	0.008 ON SEP 14	2 820	1973
1974	0.584 AT 00:45 EST ON APR 24	0.541 ON APR 24	0.002 ON SEP 7	2 190	1974
1975	0.473 AT 00:18 EST ON APR 25	0.467 ON APR 25	0 ON JUL 3	1 180	1975
1976	0.487 AT 21:02 EST ON APR 5	0.482 ON APR 6	0 ON JUL 31	1 530	1976
1977	0.303 AT 08:14 EST ON APR 3	0.297 ON APR 3	0 ON JUN 15	1 200	1977
1978	0.457 AT 03:11 EST ON APR 24	0.454 ON APR 23	0 A ON NOV 13	1 410	1978
1979	0.378 AT 10:11 EST ON APR 18	0.368 ON APR 18	0 ON AUG 26	2 150	1979
1980	0.317 AT 17:12 EST ON APR 15	0.310 ON APR 15	0.004 ON FEB 16	1 960	1980
1981	0.518 AT 06:03 EST ON APR 2	0.505 ON APR 2	0 ON JUL 22	2 280	1981
1982	0.426 AT 23:42 EST ON APR 17	0.413 ON APR 18	0 ON JUL 24	1 580	1982
1983	0.544 AT 23:14 EST ON MAY 8	0.525 ON MAY 8	0 ON JUL 18	2 020	1983
1984	0.459 AT 03:42 EST ON APR 7	0.444 ON APR 7	0 ON AUG 27	1 590	1984
				1 850	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PETAWAWA RIVER NEAR PETAWAWA - STATION NO. 02KB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1916	17.8	21.6	21.6	78.0	123	101	62.3	28.1	18.6	20.9	33.8	34.8	47.0	1916
1917	35.2	27.1	18.5	88.8	144	88.7	73.9	68.8	19.3	15.2	18.4	15.3	49.4	1917
1918	14.2	13.3	13.7	52.2	69.6	57.5	35.8	20.0	15.5	33.8	61.6	63.2	36.1	1918
1919	44.7	34.3	33.4	111	138	114	62.4	27.1	17.8	19.2	32.7	29.9	55.4	1919
1920	26.9	22.5	25.2	82.7	75.7	45.5	51.1	30.4	18.8	16.9	18.2	19.7	34.6	1920
1921	18.6	18.2	39.7	132	86.4	51.2	41.1	19.2	10.7	9.42	11.8	13.9	38.0	1921
1922	13.3	13.1	16.3	147	114	64.1	50.3	40.1	24.0	15.5	17.4	20.3	44.7	1922
1923	16.0	13.2	13.0	49.7	192	95.3	55.5	25.7	23.3	14.3	12.2	18.7	44.6	1923
1924	18.2	16.8	18.7	80.5	183	117	74.0	35.8	15.3	12.6	10.7	12.6	46.7	1924
1925	11.6	11.2	14.6	95.7	85.6	80.0	73.0	33.4	15.5	10.9	15.3	21.6	40.6	1925
1926	16.6	15.0	13.5	25.2	134	97.5	85.5	65.6	20.5	15.1	36.4	48.0	48.3	1926
1927	31.1	25.2	30.3	58.1	80.6	86.6	67.9	58.5	26.9	18.2	29.7	42.1	49.0	1927
1928	38.3	32.6	28.1	163	207	97.9	86.6	77.0	61.6	66.4	103	81.8	89.9	1928
1929	58.9	57.1	60.0	208	215	101	60.6	18.2	11.2	7.69	9.70	9.18	68.0	1929
1930	8.60	10.9	13.9	44.9	103	62.6	57.7	34.2	13.6	8.46	8.68	8.38	31.5	1930
1931	7.93	7.65	7.29	25.1	46.5	40.2	35.0	18.0	9.07	6.39	7.02	11.6	18.5	1931
1932	24.1	32.9	27.6	84.6	112	87.8	26.9	20.6	25.5	36.2	72.6	57.7	49.4	1932
1933	64.6	41.4	31.4	119	121	65.6	29.2	20.5	13.0	11.4	10.6	12.8	44.2	1933
1934	13.1	12.0	12.2	53.9	158	73.6	55.4	35.6	12.1	9.69	16.1	26.1	40.1	1934
1935	24.1	17.8	18.1	85.4	76.6	65.2	82.7	56.4	19.1	13.9	15.2	16.9	39.4	1935
1936	16.9	16.0	19.3	65.5	176	99.9	57.5	25.8	13.6	19.3	29.0	26.1	47.2	1936
1937	38.1	37.9	33.2	83.6	137	76.7	57.2	33.6	14.0	13.6	27.6	33.0	48.6	1937
1938	27.5	27.5	45.2	184	138	78.7	54.5	28.6	22.7	26.9	21.6	30.4	57.0	1938
1939	20.5	20.5	21.3	41.3	136	58.2	51.7	45.2	15.5	13.7	16.3	15.4	38.2	1939
1940	13.2	12.3	13.0	29.8	88.2	88.7	49.8	30.0	21.8	20.6	27.0	33.8	36.6	1940
1941	33.4	30.0	30.0	118	81.7	40.3	33.6	12.2	7.21	9.14	25.3	29.5	37.3	1941
1942	28.0	23.2	26.7	129	113	73.3	40.1	24.6	13.2	16.2	14.9	23.1	43.7	1942
1943	22.7	20.3	23.7	82.4	223	108	61.3	28.3	32.2	28.7	31.9	27.7	54.6	1943
1944	22.4	19.9	18.2	33.6	87.0	55.8	38.1	16.8	11.4	15.1	18.1	22.8	30.0	1944
1945	21.0	17.9	45.3	117	85.5	71.1	44.8	22.2	15.8	17.7	23.7	23.1	42.1	1945
1946	24.1	25.6	46.8	93.0	57.3	62.3	30.7	14.3	10.8	10.8	14.9	20.3	33.4	1946
1947	25.2	26.4	31.6	138	247	146	78.5	49.4	46.9	49.0	38.7	45.9	77.0	1947
1948	46.6	40.3	53.9	168	106	85.3	34.8	22.5	13.9	12.1	17.7	27.1	50.6	1948
1949	30.3	33.4	32.0	165	136	82.2	33.8	15.3	8.77	8.30	8.16	10.5	45.3	1949
1950	18.9	27.2	21.9	72.2	90.0	53.4	26.9	18.2	19.0	17.8	37.7	53.3	38.1	1950
1951	41.8	38.3	35.6	232	193	81.3	44.7	23.6	17.2	28.2	66.4	59.7	68.2	1951
1952	44.5	37.0	31.5	145	147	70.4	30.4	20.0	15.2	11.3	10.2	20.2	48.4	1952
1953	20.4	20.2	50.3	107	66.8	33.9	19.1	11.1	8.88	7.75	7.88	14.8	30.6	1953
1954	19.9	19.0	29.6	110	110	102	54.0	35.6	30.3	61.5	67.4	63.2	57.8	1954
1955	43.3	33.7	27.9	167	94.8	38.9	22.2	13.5	8.52	10.9	25.4	24.6	42.5	1955
1956	21.1	17.8	16.9	80.2	133	79.5	48.1	27.5	48.2	35.4	33.3	40.8	47.7	1956
1957	33.3	28.6	25.2	47.5	87.0	46.3	25.3	25.3	30.9	35.3	66.6	85.2	48.2	1957
1958	57.3	42.0	33.0	90.1	83.2	49.2	58.0	34.0	24.4	22.2	24.1	32.6	45.0	1958
1959	21.8	18.7	18.1	80.7	125	87.8	27.8	22.8	26.5	31.6	53.6	71.3	48.5	1959
1960	48.0	38.8	31.2	170	165	82.0	51.0	32.3	15.3	14.7	16.3	16.8	55.0	1960
1961	13.6	13.3	14.8	56.8	80.2	52.1	53.0	50.6	25.3	19.2	16.9	27.9	38.3	1961
1962	25.4	21.6	19.6	78.8	114	43.0	18.5	10.3	8.68	7.46	12.0	18.1	31.6	1962
1963	16.0	10.5	8.19	113	80.4	46.6	22.8	12.3	15.1	12.2	21.7	29.1	32.4	1963
1964	20.7	16.9	20.2	68.1	84.8	29.3	13.4	7.33	8.87	7.24	7.71	13.4	23.1	1964
1965	16.7	15.4	15.9	47.5	175	43.7	20.7	20.7	22.8	55.6	68.7	85.7	47.7	1965
1966	57.6	39.9	44.7	132	128	68.1	26.6	14.4	10.1	10.5	31.6	113	58.4	1966
1967	50.5	35.4	28.5	145	110	69.5	42.5	15.9	15.0	50.3	93.0	54.9	59.2	1967
1968	37.4	27.4	32.6	144	63.7	35.6	32.0	17.2	19.4	16.1	15.8	24.1	38.6	1968
1969	25.9	22.8	19.8	118	165	75.7	38.5	18.9	23.7	21.1	51.1	47.9	52.3	1969
1970	25.3	19.9	18.5	78.6	153	83.4	54.2	49.5	24.1	31.2	34.8	40.8	49.7	1970
1971	31.6	26.5	29.8	114	166	54.8	19.5	9.74	6.37	8.06	10.3	23.5	42.1	1971
1972	25.7	22.2	20.6	80.4	248	92.7	74.6	58.9	47.5	51.8	68.7	84.7	70.6	1972
1973	47.4	45.6	71.1	230	132	84.0	65.3	38.4	18.8	22.8	28.7	45.7	70.1	1973
1974	34.5	33.2	36.8	155	217	74.6	32.9	18.2	13.7	25.1	42.2	41.7	60.7	1974
1975	28.0	24.9	25.0	70.3	141	41.5	16.6	12.2	9.23	16.4	19.6	38.6	37.2	1975
1976	27.9	22.3	42.4	220	105	49.5	50.6	18.9	12.2	13.3	14.9	18.4	49.5	1976
1977	16.3	13.2	29.6	140	70.8	23.6	13.7	7.70	10.6	29.6	42.6	60.6	37.3	1977
1978	33.4	25.3	17.9	76.8	178	82.1	17.2	12.0	17.8	28.2	23.2	25.7	42.6	1978
1979	26.6	25.2	32.6	185	158	93.3	27.2	25.8	18.8	38.6	60.6	63.8	58.9	1979
1980	39.3	25.1	27.9	170	102	61.1	71.3	58.2	41.8	67.0	88.6	82.2	65.6	1980
1981	33.6	49.1	89.1	175	98.2	82.6	33.0	28.7	63.7	86.7	90.6	38.1	66.7	1981
1982	29.4	28.4	24.2	108	117	48.0	26.1	10.3	15.2	22.8	40.0	77.4	45.4	1982
1983	76.3	38.9	48.6	118	181	74.3	20.4	10.6	13.2	25.3	48.6	60.4	59.0	1983
1984	32.8	38.4	60.7	198	135	87.9	40.7	21.0	14.1	15.1	38.6	44.2	59.2	1984
MEAN	29.3	25.6	28.9	108	127	68.2	45.9	27.6	20.1	23.3	31.6	36.0	47.6	MEAN

LOCATION - LAT 45 53 17 N DRAINAGE AREA, 4 120 km²
LONG 77 18 30 W REGULATED

PETAWAWA RIVER NEAR PETAWAWA - STATION NO. 02KB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1916	---	142 ON MAY 4	15.9 ON OCT 2	1 490 000	1916
1917	---	284 ON MAY 3	11.0 ON SEP 21	1 550 000	1917
1918	---	84.7 ON MAY 20	13.3 ON JAN 1	1 140 000	1918
1919	---	167 ON MAY 25	13.6 ON SEP 3	1 750 000	1919
1920	---	85.7 ON MAY 2	15.0 ON OCT 23	1 080 000	1920
1921	---	174 ON APR 10	8.07 ON SEP 30	1 200 000	1921
1922	---	268 ON APR 23	13.1 B ON FEB 1	1 410 000	1922
1923	---	228 ON MAY 22	11.8 ON OCT 29	1 410 000	1923
1924	---	187 ON MAY 26	10.3 ON NOV 4	1 480 000	1924
1925	---	130 ON APR 30	10.1 ON FEB 10	1 290 000	1925
1926	---	159 ON MAY 22	12.0 ON OCT 10	1 520 000	1926
1927	---	122 ON JUL 27	17.1 ON OCT 6	1 550 000	1927
1928	---	276 ON MAY 11	26.6 ON MAR 23	2 840 000	1928
1929	---	309 ON MAY 5	7.22 ON OCT 19	2 150 000	1929
1930	---	157 ON MAY 24	8.388 ON DEC 1	884 000	1930
1931	---	81.8 ON MAY 15	5.78 ON OCT 13 *	584 000	1931
1932	---	152 ON APR 23	15.4 ON JAN 1	1 580 000	1932
1933	---	184 ON APR 23	9.91 ON NOV 2	1 390 000	1933
1934	---	243 ON MAY 7	8.87 ON OCT 21	1 280 000	1934
1935	---	108 ON MAY 2	12.9 ON OCT 27	1 240 000	1935
1936	---	257 ON MAY 9	12.5 ON SEP 26	1 490 000	1936
1937	---	196 ON MAY 1	10.6 ON SEP 9	1 540 000	1937
1938	---	284 ON APR 22	14.3 ON SEP 6	1 800 000	1938
1939	---	183 ON MAY 7	12.1 ON SEP 29	1 200 000	1939
1940	---	184 ON MAY 28	11.6 ON FEB 5	1 180 000	1940
1941	---	240 ON APR 23	8.43 ON SEP 26	1 180 000	1941
1942	---	205 ON APR 23	10.4 ON OCT 26	1 380 000	1942
1943	---	331 ON MAY 8	19.5 ON FEB 18	1 730 000	1943
1944	---	110 ON MAY 11	10.4 ON SEP 20	949 000	1944
1945	---	167 ON APR 5	14.7 ON SEP 18	1 330 000	1945
1946	---	131 ON APR 3	7.79 ON OCT 11	1 050 000	1946
1947	---	348 ON MAY 5	23.8 ON JAN 1	2 430 000	1947
1948	---	198 ON APR 15	9.06 ON OCT 7	1 600 000	1948
1949	---	238 ON APR 25	7.65 ON OCT 29	1 430 000	1949
1950	---	127 ON APR 29	13.1 ON OCT 10	1 200 000	1950
1951	---	380 ON APR 18	18.2 ON SEP 25	2 180 000	1951
1952	---	252 ON APR 24	8.21 ON OCT 31	1 530 000	1952
1953	---	205 ON MAR 30	7.42 ON OCT 23	964 000	1953
1954	---	177 ON APR 19	17.0 ON FEB 18	1 820 000	1954
1955	---	285 ON APR 17	8.26 ON OCT 2	1 340 000	1955
1956	---	174 ON MAY 16	16.3 ON MAR 29	1 510 000	1956
1957	---	134 ON JUL 5	22.7 ON SEP 2	1 520 000	1957
1958	---	144 ON APR 24	18.8 ON OCT 7	1 420 000	1958
1959	---	189 ON MAY 2	17.8 ON MAR 4	1 470 000	1959
1960	---	386 ON APR 28 *	8.63 ON NOV 1	1 740 000	1960
1961	---	130 ON MAY 1	12.7 ON FEB 23	1 150 000	1961
1962	---	175 ON MAY 6	6.34 ON SEP 20	984 000	1962
1963	---	178 ON APR 8	6.09 ON MAR 5	1 020 000	1963
1964	---	111 ON APR 21	6.20 ON SEP 3	730 000	1964
1965	---	254 ON MAY 8	14.2 ON MAR 4	1 500 000	1965
1966	264 AT 12:00 EST ON APR 27	263 ON APR 27	7.93 ON OCT 8	1 760 000	1966
1967	248 AT 24:00 EST ON APR 24	245 ON APR 25	10.5 ON SEP 20	1 670 000	1967
1968	185 AT 16:30 EST ON APR 8	191 ON APR 8	12.2 ON SEP 5	1 220 000	1968
1969	203 AT 02:50 EST ON APR 21	202 ON APR 20	14.3 ON SEP 6	1 650 000	1969
1970	239 AT 21:32 EST ON MAY 1	238 ON MAY 2	16.8 ON MAR 13	1 570 000	1970
1971	283 AT 20:15 EST ON APR 30	282 ON MAY 1	7.50 ON SEP 18	1 330 000	1971
1972	362 AT 23:30 EST ON MAY 8 *	354 ON MAY 7	18.5 ON MAR 20	2 230 000	1972
1973	272 AT 09:50 EST ON APR 24	270 ON APR 24	15.3 ON SEP 21	3 210 000	1973
1974	345 AT 02:43 EST ON APR 28	340 ON APR 28	9.80 ON SEP 9	1 810 000	1974
1975	236 AT 07:20 EST ON MAY 4	236 ON MAY 4	5.87 ON SEP 10	1 170 000	1975
1976	287 AT 20:19 EST ON APR 5	284 ON APR 6	9.68 ON SEP 17	1 880 000	1976
1977	158 AT 13:18 EST ON APR 23	158 ON APR 23	8.12 ON AUG 18	1 180 000	1977
1978	237 AT 18:40 EST ON MAY 1	236 ON MAY 1	9.37 ON AUG 15	1 340 000	1978
1979	289 AT 14:07 EST ON APR 29	286 ON APR 29	15.3 ON SEP 13	1 890 000	1979
1980	258 AT 21:39 EST ON APR 18	256 ON APR 17	18.2 ON MAR 15	2 070 000	1980
1981	236 AT 03:37 EST ON APR 11	235 ON APR 11	20.1 ON JUL 28	2 170 000	1981
1982	244 AT 05:45 EST ON APR 30	243 ON APR 29	7.42 ON AUG 31	1 430 000	1982
1983	302 AT 03:20 EST ON MAY 10	300 ON MAY 10	8.37 ON AUG 15	1 880 000	1983
1984	284 AT 18:48 EST ON APR 19	283 ON APR 19	11.9 ON OCT 2	1 870 000	1984
				1 500 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

PETTICOAT CREEK NEAR DUNBARTON - STATION NO. 02HC108

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	0.308	0.171	0.036	0.008	0.003	0.003	0.003	0.009	0.015	---	1974
1975	---	---	0.437	0.478	0.328	---	0	0	0	0	0.002	0.114	---	1975
1976	0.040	1.21	0.611	0.168	0.178	0.032	0.312	0.182	0.018	0.042	0.031	0.014	0.244	1976
MEAN	0.040	1.21	0.524	0.287	0.226	0.039	0.107	0.062	0.008	0.015	0.014	0.048	0.244	MEAN

LOCATION - LAT 43 50 05 N
LONG 79 08 55 W NATURAL FLOW

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

PETTICOAT CREEK NEAR DUNBARTON - STATION NO. 02HC10S

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	0.002 ON OCT 15	---	1974
1975	---	3.82 ON FEB 24	0 ON JUL 1 *	---	1975
1976	---	8.21 ON MAR 20 *	0 ON JUN 11	7 720	1976
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		7 720	MEAN

PIC RIVER NEAR MARATHON - STATION NO. 02BB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	6.02	41.5	189	56.9	50.7	21.0	41.8	59.6	65.2	49.4	---	1970
1971	18.6	12.4	10.4	94.3	185	89.4	37.7	27.5	19.0	76.9	76.5	33.0	55.3	1971
1972	16.3	11.2	9.60	43.9	219	55.2	57.6	52.3	55.5	47.8	25.4	14.1	51.4	1972
1973	13.2	10.0	15.2	118	144	80.2	51.2	22.7	24.2	30.3	35.7	27.8	46.3	1973
1974	11.5	9.01	8.48	45.7	233	98.5	44.8	52.8	43.5	58.4	47.5	27.2	57.1	1974
1975	18.4	12.7	10.1	45.9	182	116	40.0	16.2	8.80	23.3	52.8	28.9	46.4	1975
1976	15.3	9.72	8.96	215	120	68.7	29.5	17.8	8.89	8.62	8.78	5.06	43.8	1976
1977	4.84	4.49	15.9	188	104	36.1	39.2	37.8	101	76.1	82.3	25.3	56.0	1977
1978	14.5	9.21	6.89	19.2	147	118	50.3	23.8	12.9	14.6	10.9	8.97	36.4	1978
1979	5.74	5.34	7.28	113	253	87.9	27.2	29.7	36.2	87.2	72.6	21.3	80.9	1979
1980	10.8	8.75	7.43	97.3	173	51.4	26.1	24.4	44.3	57.6	30.4	14.0	45.5	1980
1981	9.22	9.10	13.6	86.1	106	81.0	34.7	18.6	9.10	9.83	11.2	8.25	33.1	1981
1982	6.38	5.14	4.33	32.3	229	73.6	69.5	25.9	40.8	108	81.3	58.3	52.6	1982
1983	23.6	16.1	16.3	42.6	227	86.4	58.9	16.8	27.1	187	65.6	42.9	64.7	1983
1984	16.0	13.9	12.4	141	159	153	94.1	38.4	14.8	26.2	43.4	56.5	64.1	1984
MEAN	13.2	9.79	10.2	88.3	178	80.8	47.4	28.4	32.4	55.4	46.5	28.2	51.8	MEAN

LOCATION - LAT 48 45 26 N
LONG 86 17 49 W

DRAINAGE AREA, 4 270 km^2
NATURAL FLOW

PIC RIVER NEAR MARATHON - STATION NO. 02BB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	450 AT 20:36 EST ON MAY 1	439 ON MAY 1	3.17 ON AUG 14 *	---	1970
1971	484 AT 01:54 EST ON MAY 27	478 ON MAY 27	10.0 B ON MAR 29	1 740 000	1971
1972	433 AT 23:11 EST ON APR 30	402 ON MAY 1	8.178 ON APR 2	1 620 000	1972
1973	386 AT 07:46 EST ON APR 23	385 ON APR 23	8.838 ON MAR 1	1 460 000	1973
1974	317 AT 23:28 EST ON MAY 3	306 ON MAY 4	8.08 ON DEC 26	1 800 000	1974
1975	418 AT 05:00 EST ON MAY 7	413 ON MAY 7	8.40 ON OCT 9	1 470 000	1975
1976	759 AT 07:26 EST ON APR 20 *	643 ON APR 19 *	3.23 ON NOV 8	1 380 000	1976
1977	---	501E ON APR 23	4.428 ON MAR 1	1 830 000	1977
1978	---	228E ON MAY 16	8.208 ON APR 5	1 150 000	1978
1979	609 AT 20:27 EST ON MAY 11	589 ON MAY 11	8.138 ON FEB 21	1 920 000	1979
1980	450 AT 04:20 EST ON MAY 2	447 ON MAY 2	7.008 ON MAR 25	1 440 000	1980
1981	156 AT 00:44 EST ON MAY 8	153 ON MAY 8	8.61 ON OCT 5	1 050 000	1981
1982	461 AT 14:13 EST ON MAY 7	452 ON MAY 7	4.148 ON MAR 28	1 970 000	1982
1983	---	428E ON OCT 16	8.08 ON AUG 25	2 040 000	1983
1984	322 AT 13:16 EST ON JUN 11	312 ON JUN 11	11.7 B ON MAR 15	2 030 000	1984
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 840 000	MEAN

PIGEON RIVER AT MIDDLE FALLS - STATION NO. 02AA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	17.1	9.91	5.40	3.71	2.38	---	---	---	1921
1922	---	---	---	---	58.0	15.6	6.70	5.15	15.1	3.02	4.27	---	---	1922
1923	---	---	---	---	44.1	---	5.18	3.80	3.01	2.43	2.73	2.26	---	1923
1924	1.73	2.13	1.89	25.7	41.7	15.8	5.83	3.24	6.43	18.4	8.59	4.36	11.4	1924
1925	2.39	1.89	8.07	26.2	25.5	21.5	5.24	4.34	4.73	4.09	5.91	3.23	9.59	1925
1926	1.01	0.851	3.80	27.0	18.7	21.9	13.4	5.45	18.0	26.3	9.16	5.15	12.7	1926
1927	3.95	2.97	7.28	83.0	62.9	28.8	25.7	10.5	5.89	6.46	4.99	3.78	19.0	1927
1928	2.41	1.67	2.55	50.4	32.5	32.0	22.7	15.5	15.5	14.3	13.0	5.91	18.3	1928
1929	3.14	2.39	4.34	26.5	19.8	12.0	3.84	2.03	2.19	3.13	8.85	3.20	7.80	1929
1930	5.16	2.74	2.30	16.3	36.4	18.4	12.0	4.97	4.19	9.35	32.9	12.8	13.1	1930
1931	5.40	3.89	3.16	12.8	25.3	17.4	9.66	2.13	3.46	9.46	18.4	5.62	9.73	1931
1932	3.77	3.27	3.76	38.8	40.7	18.9	9.31	5.85	3.23	2.66	19.9	10.6	13.5	1932
1933	5.80	4.68	4.37	40.9	35.7	20.6	7.22	3.31	5.67	11.6	11.0	5.70	13.1	1933
1934	4.46	4.26	3.97	16.0	82.5	38.1	8.56	3.66	5.71	14.9	14.1	7.84	17.1	1934
1935	6.44	6.09	8.55	55.0	38.8	35.9	11.0	5.66	4.65	4.06	6.57	3.97	15.5	1935
1936	3.07	2.24	2.55	28.6	80.3	15.7	8.66	2.40	2.42	1.93	2.34	2.32	12.6	1936
1937	2.98	2.51	2.72	58.0	45.4	37.9	8.88	3.38	4.06	5.59	6.21	2.89	15.0	1937
1938	2.34	2.83	14.3	50.0	47.0	21.2	9.37	6.26	4.27	3.30	6.88	2.83	14.4	1938
1939	4.28	3.36	3.70	30.6	56.2	32.3	10.6	5.49	4.39	4.81	2.91	2.44	13.4	1939
1940	1.61	1.77	1.89	12.3	40.6	34.1	10.2	4.50	2.17	1.42	5.38	2.40	9.86	1940
1941	2.07	1.67	1.70	58.0	26.8	18.7	16.5	3.29	17.8	20.4	7.10	4.78	15.1	1941
1942	3.31	2.57	3.99	43.2	59.8	20.4	8.77	2.54	2.65	8.17	7.84	3.91	13.8	1942
1943	2.89	2.82	3.15	34.2	58.7	51.2	15.4	6.13	5.15	7.22	7.37	3.89	16.5	1943
1944	3.39	2.84	2.62	21.1	65.7	57.6	20.5	12.0	18.3	8.23	9.63	4.47	18.9	1944
1945	2.26	2.21	33.1	55.9	38.1	13.7	7.57	5.65	2.71	1.72	2.41	1.78	14.2	1945
1946	1.97	2.02	17.9	26.6	22.5	18.2	9.33	2.08	15.2	25.4	12.3	8.27	13.4	1946
1947	4.16	2.97	2.85	10.6	84.7	78.3	22.8	9.34	4.29	3.04	7.92	3.51	18.7	1947
1948	2.81	2.73	2.59	70.3	61.2	14.4	6.05	5.38	3.86	2.38	3.08	2.30	14.7	1948
1949	2.55	2.47	2.51	39.1	27.3	9.16	11.4	5.17	3.11	15.1	6.07	3.20	10.6	1949
1950	3.16	3.56	4.05	10.6	114	42.6	27.6	29.2	11.5	20.1	10.5	8.84	24.0	1950
1951	6.92	6.23	6.45	47.6	85.5	31.4	9.57	5.38	18.4	24.4	20.8	14.2	23.1	1951
1952	8.90	6.76	5.40	37.6	30.0	12.4	16.8	16.1	7.11	4.21	3.50	2.90	12.6	1952
1953	2.80	2.86	3.54	25.7	46.3	43.9	14.3	7.01	5.15	3.58	2.73	2.36	13.4	1953
1954	1.65	1.77	2.11	36.5	77.7	32.7	13.2	7.65	5.90	4.27	3.99	2.87	15.9	1954
1955	2.62	2.78	3.44	43.3	16.6	6.17	3.84	2.91	2.44	7.25	10.5	4.18	8.82	1955
1956	4.22	4.36	3.98	29.0	65.8	19.8	9.04	5.86	7.98	4.19	5.43	4.38	13.7	1956
1957	3.36	3.03	3.79	43.2	31.6	22.3	8.31	4.42	3.94	3.15	4.68	2.97	11.2	1957
1958	2.57	2.51	2.64	12.0	6.28	3.69	2.21	1.84	8.26	5.83	9.95	4.87	5.28	1958
1959	3.22	2.25	2.64	14.4	38.2	20.3	4.53	8.98	12.1	14.5	6.84	5.28	11.2	1959
1960	4.14	2.67	2.81	33.4	31.5	12.1	6.75	4.08	3.05	2.73	7.07	5.11	9.60	1960
1961	2.78	2.30	2.66	26.8	31.7	21.2	9.77	5.48	8.57	6.66	8.16	3.80	10.8	1961
1962	3.34	3.20	3.65	13.8	28.8	14.4	9.88	10.7	7.97	5.22	4.33	3.83	9.21	1962
1963	2.78	2.28	2.87	17.4	16.3	32.1	13.0	7.78	6.77	4.69	4.06	3.22	9.44	1963
1964	3.05	2.78	2.68	33.8	79.0	27.8	13.9	7.46	6.72	6.89	7.14	4.64	16.4	1964
1965	4.14	3.85	4.47	25.2	62.4	23.4	16.8	7.68	9.95	19.2	9.53	6.85	16.3	1965
1966	6.02	5.38	6.46	35.9	78.9	31.1	9.98	5.22	3.22	4.17	2.98	3.45	16.1	1966
1967	2.36	2.06	2.09	43.9	36.3	23.2	9.03	7.51	2.17	2.31	2.26	1.69	11.2	1967
1968	1.46	0.897	3.86	39.5	32.7	42.8	31.9	11.3	5.74	21.9	10.8	7.95	17.9	1968
1969	9.01	8.50	7.04	65.1	46.2	18.1	8.64	5.16	2.31	4.39	4.32	3.38	15.2	1969
1970	3.42	3.14	3.85	31.0	81.5	42.1	15.3	5.48	8.56	33.4	41.4	18.6	24.1	1970
1971	9.83	8.28	7.37	61.1	82.0	26.4	10.3	3.74	3.09	22.6	32.0	19.4	22.2	1971
1972	9.86	5.27	5.16	18.6	74.6	32.7	14.7	6.74	6.16	4.89	4.06	1.82	15.4	1972
1973	2.16	2.76	9.08	38.2	36.5	24.8	15.6	18.5	20.9	20.7	21.0	10.5	18.6	1973
1974	5.60	5.73	5.00	30.2	63.0	31.8	10.1	5.04	11.3	11.0	15.0	10.7	17.1	1974
1975	12.2	7.88	5.84	28.5	50.7	14.1	8.12	3.72	2.70	2.82	6.32	5.46	12.5	1975
1976	4.33	3.97	5.78	76.5	29.1	17.8	7.95	3.57	1.14	0.493	0.323	0.081	12.5	1976
1977	0.082	0.227	1.94	8.21	3.90	3.54	2.87	2.48	84.5	59.3	32.0	20.4	18.3	1977
1978	11.2	6.58	5.33	22.2	54.2	31.2	14.5	5.50	5.52	5.12	3.18	2.59	14.0	1978
1979	2.61	2.55	4.77	34.3	89.1	35.3	8.92	3.67	4.30	3.95	8.80	3.05	16.8	1979
1980	2.85	2.89	2.85	20.8	11.4	4.55	2.77	3.44	30.4	18.3	11.1	6.23	9.72	1980
1981	4.65	4.05	6.09	53.6	30.2	29.7	11.6	5.23	2.71	7.87	5.01	3.30	13.6	1981
1982	2.83	2.61	3.25	38.3	49.7	13.7	13.2	6.29	4.72	27.4	32.1	14.8	17.5	1982
1983	10.4	7.14	6.81	25.7	38.9	21.2	20.5	6.80	5.63	20.0	14.8	9.63	15.7	1983
1984	6.92	6.07	4.68	34.1	41.9	32.5	12.3	7.04	3.27	7.29	6.83	5.73	14.0	1984
MEAN	4.16	3.46	4.87	34.6	48.8	25.1	11.3	6.38	8.35	10.3	9.87	5.70	14.4	MEAN

LOCATION - LAT 48 00 44 N LONG 89 36 58 W DRAINAGE AREA, 1 550 km² NATURAL FLOW INTERNATIONAL GAUGING STATION

PIGEON RIVER AT MIDDLE FALLS - STATION NO. 02AA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	---	---	---	1922
1923	---	---	---	---	1923
1924	88.3 ON MAY 19	80.0 ON MAY 19	1.73 E ON JAN 1	381 000	1924
1925	151 AT 10:00 CST ON APR 24	133 ON APR 24	1.55 E ON FEB 1	302 000	1925
1926	103 ON APR 21	80.0 ON APR 22	0.951E ON FEB 1	402 000	1926
1927	209 ON APR 19	200 ON APR 20	2.27 E ON MAR 1	597 000	1927
1928	176 ON APR 4	165 ON APR 4	1.27 E ON MAR 15	576 000	1928
1929	---	70.8E ON APR 6	1.25 ON SEP 1	240 000	1929
1930	215 ON NOV 21	200 ON NOV 21	1.13 ON AUG 17	416 000	1930
1931	---	43.9 ON NOV 21	1.13 ON SEP 9	307 000	1931
1932	---	105 ON NOV 10	1.78 ON OCT 13	425 000	1932
1933	---	123 ON APR 19	2.21 ON SEP 4	414 000	1933
1934	311 AT 15 00 CST ON MAY 6 *	303 ON MAY 5 *	2.72 ON SEP 13	539 000	1934
1935	---	151 ON APR 28	3.54 ON OCT 1	489 000	1935
1936	---	209 ON MAY 7	1.78 ON OCT 17	394 000	1936
1937	---	163 ON APR 26	2.27 B ON FEB 12	474 000	1937
1938	136 ON APR 29	125 ON APR 29	2.27 B ON JAN 19	455 000	1938
1939	---	130 B ON APR 30	1.70 B ON DEC 30	424 000	1939
1940	103 AT 20 15 CST ON MAY 20	94 3 ON MAY 21	1.25 E ON OCT 23	312 000	1940
1941	165 ON APR 14	148 ON APR 14	1.42 B ON MAR 19	477 000	1941
1942	117 AT 15 00 CST ON APR 16	103 ON MAY 2	1.70 ON AUG 23	435 000	1942
1943	103 AT 01 00 CST ON APR 24	95 6 ON APR 24	2 55 B ON JAN 21	524 000	1943
1944	129 AT 14 00 CST ON JUN 5	122 ON MAY 13	2.27 B ON MAR 27	597 000	1944
1945	180 AT 03 30 CST ON MAR 28	161 ON MAR 28	1.05 ON NOV 4	448 000	1945
1946	94 OB ON MAR 29	79 9 ON OCT 11	1.25 B ON JAN 15	421 000	1946
1947	184 E ON JUN 12	178 E ON JUN 12	2 12 B ON FEB 28	522 000	1947
1948	283 AT 23 30 CST ON APR 27	281 ON APR 28	1 95 ON OCT 30	486 000	1948
1949	94 0 AT 00 10 CST ON APR 14	85 08 ON APR 13	1 98 B ON MAR 18	335 000	1949
1950	209 AT 23 00 CST ON MAY 11	206 ON MAY 12	2 83 B ON JAN 6	757 000	1950
1951	212 AT 20 30 CST ON MAY 2	206 ON MAY 2	4 87 ON AUG 18	728 000	1951
1952	138 B AT 23 30 CST ON APR 19	116 ON APR 20	2 83 B ON NOV 13	400 000	1952
1953	116 AT 16 00 CST ON MAY 31	106 ON MAY 31	1 90 B ON DEC 31	422 000	1953
1954	262 AT 10 15 CST ON MAY 1	224 ON MAY 2	1 56 B ON JAN 9	502 000	1954
1955	80 0 AT 15 30 CST ON APR 20	65 5 ON APR 19	1 36 ON SEP 15	278 000	1955
1956	119 AT 04 00 CST ON MAY 14	115 ON MAY 14	3 51 ON OCT 13	433 000	1956
1957	158 AT 20 00 CST ON APR 25	150 ON APR 25	2 55 B ON DEC 31	364 000	1957
1958	---	44 5 ON NOV 18	1 61 ON AUG 8	187 000	1958
1959	81 2 AT 07 00 CST ON MAY 7	58 7 ON MAY 7	1 93 B ON FEB 20	351 000	1959
1960	88 9 AT 01 00 CST ON APR 25	83 8 ON APR 25	2 24 ON OCT 11	303 000	1960
1961	100 AT 19 00 CST ON APR 21	92 3 ON APR 22	2 15 B ON JAN 30	342 000	1961
1962	44 7 AT 04 00 CST ON APR 28	43 3 ON MAY 16	2 94 B ON FEB 8	291 000	1962
1963	80 7 AT 03 00 CST ON JUN 20	75 0 ON JUN 20	2 24 B ON JAN 30	258 000	1963
1964	234 AT 02 30 CST ON MAY 6	192 ON MAY 6	2 81 B ON MAR 26	518 000	1964
1965	124 AT 20 30 CST ON APR 30	119 ON APR 30	3 74 B ON FEB 21	513 000	1965
1966	115 AT 20 30 CST ON MAY 19	114 ON MAY 19	2 46 B ON DEC 3	508 000	1966
1967	113 AT 18 30 CST ON APR 17	106 ON APR 18	1 33 B ON DEC 1	352 000	1967
1968	103 AT 01 00 CST ON JUL 17	97 4 ON JUL 17	0.850B ON FEB 14	564 000	1968
1969	133 AT 22 45 CST ON APR 22	120 ON APR 22	1 84 ON SEP 21	480 000	1969
1970	164 AT 20 00 CST ON APR 30	159 ON APR 30	2 93 B ON FEB 24	788 000	1970
1971	143 ON APR 20	137 ON APR 21	2 28 ON SEP 27	889 000	1971
1972	137 AT 11 00 CST ON MAY 2	133 ON MAY 2	1 58 B ON DEC 13	483 000	1972
1973	80 8 AT 08 00 CST ON APR 22	85 8 ON APR 22	1 84 B ON JAN 10	568 000	1973
1974	132 AT 19 30 CST ON MAY 11	120 ON MAY 12	3 34 ON AUG 20	539 000	1974
1975	101 B AT 22 30 CST ON APR 27	94 3 ON APR 28	1 81 ON OCT 8	383 000	1975
1976	183 AT 20 30 CST ON APR 18	172 ON APR 17	0.868B ON DEC 31	395 000	1976
1977	---	216 ON SEP 9	0.026 ON JAN 15 *	571 000	1977
1978	---	91 5 ON MAY 8	2 52 B ON DEC 19	440 000	1978
1979	212 AT 19 00 CST ON MAY 11	206 ON MAY 11	1 53 ON OCT 18	531 000	1979
1980	---	81 6 ON SEP 14	1 25 ON AUG 12	306 000	1980
1981	---	91 7 ON APR 11	1 42 ON SEP 25	430 000	1981
1982	---	145 ON APR 28	2.81 E ON MAR 8	551 000	1982
1983	---	88 3 ON APR 28	4 11 ON SEP 28	494 000	1983
1984	---	97 4 ON APR 28	1 59 ON OCT 15	444 000	1984
				463 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PINE RIVER AT LURGAN - STATION NO. 02FD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	4.08	1.84	4.24	4.18	2.98	0.066	0 002	0.003	0	0 018	2.07	1.32	1.72	1974
1975	4.42	3.82	5 43	3.61	0.724	0.274	0.008	1.35	0 711	0.303	1.14	4.07	2.17	1975
1976	1.32	8.74	10 9	1.22	1.30	0.107	0.229	0.021	0.068	0.241	1.44	0.486	1.99	1976
1977	0.218	0.880	16 0	2.70	0.084	0	0 001	1.30	1.90	2.64	3.07	3.85	2.67	1977
1978	0.644	0.322	2.74	6.34	0.405	0.223	0	0	2.89	1.76	0.373	1.07	1.37	1978
1979	1.26	0.505	10.8	5.22	0.573	0.026	0.106	0.033	0	0.457	2.82	4.21	2.16	1979
1980	1.33	0.310	8.30	4.38	0 695	0.276	0.178	0.091	0 532	1 80	1.25	3.22	1.96	1980
1981	0.221	13.0	2 41	1.39	2 29	0.166	0.186	0.266	1 33	1 83	1.87	2.26	2.19	1981
1982	1.62	0.256	11 0	3.36	0.229	4 79	0.146	0.401	0 181	0 068	3.50	6 67	2.72	1982
1983	1.96	4.44	2.20	2.45	1 70	0 256	0.062	0.084	0 650	0.766	1.48	2.63	1.63	1983
1984	0.401	12.4	3 83	1.22	2 15	0.823	0.079	0.002	0.041	0.050	2.89	3.97	2.26	1984
MEAN	1.60	4.02	7.17	3.30	1.19	0.818	0.080	0.323	0.862	0.886	2.00	3.04	2.07	MEAN

LOCATION - LAT 44 05 40 N DRAINAGE AREA, 184 km^2
LONG 81 43 31 W NATURAL FLOW

PINE RIVER AT LURGAN - STATION NO. 02FD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	104 AT 05:10 EST ON APR 4	46.2 ON APR 4	0 ON JUL 14 *	54 200	1974
1975	74.5 AT 08:52 EST ON DEC 15	41.9 ON DEC 15	0 ON JUL 9	88 500	1975
1976	123 AT 02:17 EST ON MAR 21	56.1 ON MAR 30	0 ON AUG 27	53 000	1976
1977	186 AT 05:35 EST ON MAR 13 *	133 ON MAR 13 *	0 ON MAY 23	84 100	1977
1978	36.5 AT 19:30 EST ON APR 1	28.9 ON APR 1	0 ON JUL 1	43 200	1978
1979	127 AT 01:52 EST ON MAR 5	64.7 ON MAR 5	0 E ON JUN 15	68 900	1979
1980	75.5 AT 22:56 EST ON MAR 20	57.3 ON MAR 21	0.048E ON SEP 12	82 000	1980
1981	67.4 AT 15:45 EST ON FEB 23	57.0 ON FEB 23	0 E ON JUL 22	69 000	1981
1982	81.6 AT 08:30 EST ON MAR 31	60.1 ON MAR 31	0.007 ON JUL 25	85 800	1982
1983	21.3 AT 00:25 EST ON DEC 13	20.3 ON FEB 3	0 ON JUL 28	48 100	1983
1984	73.2 AT 07:07 EST ON FEB 14	53.4 ON FEB 14	0 ON AUG 10	71 500	1984
			* - EXTREME RECORDED FOR THE PERIOD OF RECORD	65 300	MEAN

E - ESTIMATED

PINE RIVER NEAR CROOKS - STATION NO. 02AA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	0.707	0.832	0.834	20.0	25.5	3.09	---	---	---	---	---	---	---	1972
1973	0.727	2.08	4.14	11.5	11.5	4.17	4.07	2.36	2.84	4.80	4.33	1.97	4.66	1973
1974	0.459	0.340	0.373	17.0	17.4	5.75	0.766	1.84	4.23	3.81	5.85	1.45	4.92	1974
1975	3.35	0.745	1.38	22.9	9.51	1.16	0.468	0.085	0.048	1.47	3.52	1.80	3.86	1975
1976	0.803	0.361	2.55	38.0	2.67	2.31	0.211	0.021	0.022	0.024	0.026	0.024	3.86	1976
1977	0	0	2.61	8.01	0.699	0.224	0.258	0.951	45.4	14.3	4.77	1.80	8.40	1977
1978	0.442	0.317	0.284	13.6	13.8	9.65	2.43	---	---	---	---	---	---	1978
MEAN	0.984	0.625	1.75	18.6	11.8	3.78	1.36	1.05	10.5	6.84	4.45	1.37	4.80	MEAN

LOCATION - LAT 48 04 20 N DRAINAGE AREA, 389 km^2
LONG 89 32 00 W NATURAL FLOW

PINE RIVER NEAR CROOKS - STATION NO. 02AA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	92.3 AT 16:30 CST ON NOV 21	52.4 ON NOV 21	0.411 ON SEP 20	153 000	1973
1974	62.1 AT 22:15 CST ON MAY 11	47.00 ON APR 26	0.2358 ON APR 8	155 000	1974
1975	68.2 AT 22:57 CST ON APR 25	62.9 ON APR 25	0 ON OCT 2 *	122 000	1975
1976	127 AT 12:00 CST ON APR 16 *	118 ON APR 17	0.002 ON DEC 31	125 000	1976
1977	---	198 E ON SEP 10 *	0 B ON JAN 1	202 000	1977
1978	81.5 AT 02:05 EST ON JUN 26	69.1 ON JUN 26	---	---	1978
			* - EXTREME RECORDED FOR THE PERIOD OF RECORD	151 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED

PINE RIVER NEAR EVERETT - STATION NO. 02ED103

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	---	2.89	3.59	---	1967
1968	---	---	---	3.31	2.02	1.41	1.06	1.25	1.23	1.21	1.80	5.74	---	1968
1969	---	---	---	5.75	3.83	2.04	1.59	1.20	1.11	1.28	1.38	1.84	---	1969
1970	1.82	1.23	1.34	5.28	3.12	1.73	1.70	0.928	1.10	1.09	1.22	2.01	1.96	1970
1971	1.31	1.62	2.10	7.48	2.58	1.52	1.18	0.807	0.787	0.811	0.873	1.28	1.87	1971
1972	1.37	1.18	1.48	5.77	2.88	2.02	1.31	1.04	0.813	1.10	1.38	1.81	1.82	1972
1973	2.41	1.78	7.03	5.83	3.47	1.98	1.35	1.44	0.921	1.28	2.34	1.98	2.84	1973
1974	2.84	2.84	7.07	4.83	4.20	2.23	2.44	1.34	1.00	1.25	1.60	1.24	2.71	1974
1975	1.38	1.80	2.87	4.80	2.84	1.78	1.48	1.42	1.13	1.06	1.18	1.42	1.92	1975
1976	1.62	3.60	8.61	5.83	3.96	2.36	2.01	1.24	1.67	1.72	---	---	---	1976
1977	0.880	0.852	6.64	3.44	1.82	1.32	1.07	1.38	1.72	2.46	---	---	---	1977
1978	1.88	1.47	1.72	5.84	3.82	2.38	1.47	1.36	1.83	1.86	1.86	1.80	2.18	1978
1979	1.61	1.01	8.12	5.73	4.26	1.89	1.86	1.46	0.981	1.86	2.02	2.86	2.87	1979
1980	3.06	1.76	5.76	4.80	2.56	1.80	3.52	2.21	1.87	2.29	2.34	2.66	2.80	1980
1981	1.48	3.86	3.73	3.06	2.91	1.89	1.31	1.48	1.87	2.13	2.64	2.36	2.38	1981
1982	1.82	1.36	3.18	8.43	3.11	2.71	1.81	1.70	1.43	1.38	2.71	3.22	2.76	1982
1983	2.68	2.77	3.80	4.12	3.42	2.05	1.05	1.18	1.10	1.15	1.81	1.80	2.21	1983
1984	1.31	3.88	3.76	4.80	2.87	1.88	1.30	0.976	1.21	1.07	1.46	2.31	2.17	1984
MEAN	1.83	2.06	4.30	5.34	3.14	1.93	1.69	1.32	1.27	1.44	1.81	2.35	2.32	MEAN

LOCATION - LAT 46 11 58 N DRAINAGE AREA, 195 km^2 DATA CONTRIBUTED BY -
LONG 78 57 35 W NATURAL FLOW ONTARIO MINISTRY OF THE ENVIRONMENT

PINE RIVER NEAR EVERETT - STATION NO 02ED103

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	14.2 ON APR 16	---	---	1969
1970	15.1 E AT 05:00 EST ON APR 16	14.3 E ON APR 21	0.5858 ON FEB 26 *	82 000	1970
1971	23.6 E AT 13:00 EST ON APR 13	21.9 E ON APR 13	0.671 ON AUG 21	58 900	1971
1972	19.7 E AT 10:23 EST ON APR 19	17.0 E ON APR 19	0.868 ON SEP 23	57 700	1972
1973	18.1 AT 12:24 EST ON APR 2	15.1 ON APR 2	0.810 ON SEP 16	63 300	1973
1974	38.2 AT 14:25 EST ON MAR 5	24.4 ON MAR 5	0.728 ON AUG 22	65 500	1974
1975	24.1 AT 21:28 EST ON APR 19	19.3 ON APR 19	0.933 ON SEP 10	80 500	1975
1976	39.4 AT 17:28 EST ON MAR 21 *	32.6 ON MAR 21	---	---	1976
1977	---	18.3 ON MAR 10	---	---	1977
1978	12.4 AT 18:48 EST ON APR 20	12.3 ON APR 20	1.02 E ON AUG 24	88 100	1978
1979	---	22.2 ON APR 14	0.740 ON SEP 27	84 100	1979
1980	---	36.3 ON MAR 21 *	1.22 ON JUL 14	91 200	1980
1981	---	11.5 ON FEB 20	0.851 ON AUG 26	75 500	1981
1982	26.0 AT 15:54 EST ON MAR 31	18.4 A ON APR 1	1.13 ON OCT 6	85 700	1982
1983	9.22 AT 13:56 EST ON APR 10	7.12 ON APR 10	0.768 ON JUL 27	69 500	1983
1984	22.2 AT 13:47 EST ON FEB 15	21.8 ON FEB 15	0.805 ON AUG 27	68 800	1984
				73 300	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PINEIMUTA RIVER AT EYES LAKE - STATION NO 04FA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	37.3	27.5	14.6	---	1966
1967	7.94	6.77	7.00	10.9	115	150	61.6	31.0	10.0	---	---	20.3	---	1967
1968	13.6	8.79	5.84	39.5	117	106	109	111	76.4	103	75.5	30.7	66.7	1968
1969	13.6	10.2	9.41	60.1	159	139	175	58.1	120	148	94.5	32.7	81.9	1969
1970	18.1	11.5	8.64	13.6	163	85.7	75.0	87.7	151	126	79.2	38.0	70.2	1970
1971	22.6	15.1	11.6	67.3	249	69.1	89.8	139	34.8	100	112	36.2	77.1	1971
1972	19.3	11.8	8.63	13.9	192	61.0	86.4	61.3	40.2	97.3	51.1	28.5	56.4	1972
1973	17.7	12.3	9.73	21.9	188	72.2	94.0	44.0	51.2	55.2	44.0	25.3	53.3	1973
1974	15.2	10.2	7.80	12.9	180	228	110	181	135	86.3	35.1	24.1	82.4	1974
1975	18.8	11.9	8.50	13.2	154	88.6	88.2	92.8	44.2	26.4	36.7	16.5	50.2	1975
1976	8.37	6.77	5.88	70.9	131	53.2	22.2	24.4	41.7	40.7	20.8	10.4	36.5	1976
1977	6.81	5.33	4.86	63.1	122	40.9	47.3	52.8	87.8	48.1	31.1	17.9	44.1	1977
1978	12.1	9.96	8.98	13.8	183	98.7	53.3	117	126	88.2	57.1	20.0	66.4	1978
1979	8.30	5.84	7.04	46.1	174	84.3	100	67.8	188	118	113	31.3	78.8	1979
1980	14.8	8.24	5.46	61.2	104	26.5	14.9	18.8	38.9	87.0	38.1	14.9	34.3	1980
1981	8.67	8.33	9.47	14.8	144	183	61.9	12.0	13.8	30.8	94.3	21.3	45.2	1981
1982	10.1	7.18	8.21	7.87	194	156	85.8	66.5	73.8	112	80.4	23.0	66.5	1982
1983	10.8	6.79	5.05	9.42	81.2	54.2	107	28.4	22.7	33.2	30.3	17.5	34.2	1983
1984	11.8	9.24	7.72	76.5	109	86.5	43.0	26.8	27.9	43.4	43.4	25.7	42.5	1984
MEAN	13.2	9.29	7.66	33.1	153	98.9	74.7	64.8	71.4	74.3	55.*	25.7	57.8	MEAN

LOCATION - LAT 52 18 30 N
LONG 88 45 15 W
DRAINAGE AREA, 4 800 km^2
NATURAL FLOW

PINEIMUTA RIVER AT EYES LAKE - STATION NO 04FA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	---	186 ON OCT 26	5.418 ON MAR 21	2 110 000	1968
1969	311 AT 20:00 EST ON JUL 2	309 ON JUL 2	8.959 ON APR 6	2 580 000	1969
1970	215 AT 22:20 EST ON SEP 13	214 ON SEP 13	7.709 ON APR 8	2 210 000	1970
1971	354 AT 18:40 EST ON MAY 11 *	351 ON MAY 11 *	10.9 E ON MAR 26	2 430 000	1971
1972	231 AT 10:20 EST ON MAY 6	231 ON MAY 6	7.708 ON APR 5	1 780 000	1972
1973	251 AT 04:38 EST ON MAY 13	251 ON MAY 11	8.958 ON APR 12	1 880 000	1973
1974	---	343E ON MAY 26	7.028 ON APR 9	2 600 000	1974
1975	214 AT 18:36 EST ON MAY 8	213 ON MAY 9	8.088 ON APR 18	1 580 000	1975
1976	185 AT 12:50 EST ON APR 26	185 ON APR 26	5.788 ON MAR 25	1 150 000	1976
1977	182 AT 13:40 EST ON APR 25	181 ON APR 25	4.568 ON MAR 25	1 380 000	1977
1978	283 AT 21:41 EST ON MAY 15	282 ON MAY 15	6.728 ON APR 5	2 030 000	1978
1979	---	256E ON SEP 11	8.068 ON MAR 12	2 480 000	1979
1980	173 AT 08:41 EST ON MAY 3	172 ON MAY 3	4.678 ON APR 8	1 080 000	1980
1981	---	243E ON JUN 21	7.578 ON FEB 8	1 420 000	1981
1982	---	285E ON MAY 7	4.758 ON APR 14	2 070 000	1982
1983	181 AT 12:11 EST ON JUL 10	179 ON JUL 10	4.258 ON APR 10 *	1 980 000	1983
1984	198 AT 16:52 EST ON APR 30	198 ON APR 30	7.178 ON MAR 29	1 340 000	1984
				1 830 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PINEWOOD RIVER NEAR PINEWOOD - STATION NO. 05PC011

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	---	2 30	4 13	7 89	0 714	0	0 078	---	---	---	1952
1953	---	---	---	0 849	2 16	7 94	1 56	0 709	3 28	0 867	0 384	---	---	1953
1954	---	---	---	12 8	10 1	2 82	0 922	0 183	0 845	0 284	0 541	---	---	1954
1955	---	---	---	13 0	3 77	11 3	0 831	0 150	1 18	4 34	---	---	---	1955
1956	---	---	---	18 7	8 60	3 84	2 89	0 485	0 108	0 117	---	---	---	1956
1957	---	---	---	12 5	3 80	3 00	2 61	0 168	0 815	1 33	---	---	---	1957
1958	---	---	0 240	1 36	0 894	2 71	11 7	0 523	0 117	0 514	---	---	2 28	1958
1959	---	---	0 091	8 87	5 47	4 95	0 536	0 026	0 284	1 03	---	---	2 40	1959
1960	---	---	---	4 83	1 74	1 77	0 570	0 257	0 124	0 370	---	---	---	1960
1961	---	---	1 61	5 05	3 63	0 391	0 632	0 339	5 35	2 12	---	---	2 36	1961
1962	---	---	0	13 6	22 0	10 9	8 03	5 17	3 88	0 842	---	---	8 18	1962
1963	---	---	1 08	7 70	5 70	12 0	1 68	0 820	0 055	0 034	---	---	3 80	1963
1964	---	---	0	4 44	10 3	8 37	1 77	3 59	7 19	7 69	---	---	5 40	1964
1965	---	---	0	14 7	12 6	7 01	4 49	0 383	3 81	7 72	---	---	8 31	1965
1966	---	---	0 378	27 4	15 5	4 81	1 21	5 86	1 08	0 898	---	---	7 08	1966
1967	---	---	0 798	22 0	10 6	11 1	2 81	0 852	0 016	0 252	---	---	6 00	1967
1968	---	---	1 06	6 81	2 76	18 3	6 42	9 09	11 7	12 8	---	---	8 70	1968
1969	---	---	0	18 0	5 86	3 48	0 317	3 17	0 173	1 57	---	---	4 03	1969
1970	---	---	0	13 5	16 8	6 65	1 32	0 015	0 298	1 18	---	---	4 95	1970
1971	---	---	0	10 0	5 36	2 85	1 20	0 348	0 247	7 80	---	---	3 47	1971
1972	---	---	0 028	10 6	7 76	2 34	0 455	0 052	0 159	0 415	---	---	2 71	1972
1973	---	---	0 872	1 79	0 784	0 727	0 812	3 58	3 64	5 44	---	---	2 33	1973
1974	---	---	0	14 4	15 8	12 2	1 46	0 858	0 552	1 41	---	---	5 80	1974
1975	---	---	0	13 6	9 19	3 04	1 80	0 019	0 044	0 271	---	---	3 47	1975
1976	---	---	0 136	6 44	1 29	2 28	0 910	0 014	0	0 009	---	---	1 61	1976
1977	---	---	0 311	0 945	3 60	3 83	0 698	0 086	2 87	2 73	---	---	1 88	1977
1978	---	---	0 002	18 4	9 01	10 6	7 68	1 78	1 12	0 550	---	---	5 84	1978
1979	---	---	0 123	25 6	8 25	4 69	0 702	0 157	0 170	0 158	---	---	4 91	1979
1980	---	---	0	7 02	1 51	0 085	0 049	0 375	2 34	2 13	---	---	1 67	1980
1981	---	---	0 136	1 18	1 50	7 31	2 24	0 633	0 513	3 94	---	---	2 17	1981
1982	---	---	0	10 5	12 6	3 77	4 71	2 02	0 660	8 45	---	---	5 35	1982
1983	---	---	0 263	3 86	2 40	7 71	2 19	0 016	0 398	2 68	---	---	2 42	1983
1984	---	---	0 228	5 18	2 69	12 6	1 61	0 026	0	5 64	---	---	3 71	1984
MEAN	---	---	0 283	10 5	6 89	6 07	2 59	1 28	1 61	2 66	0 453	---	4 18	MEAN

LOCATION - LAT 48 45 10 N
LONG 94 14 00 W

DRAINAGE AREA 481 km²
NATURAL FLOW

REMARKS - HIGHER MAXIMUM DISCHARGES ARE KNOWN TO HAVE OCCURRED OUTSIDE THE STANDARD PERIOD IN 1971

PINEWOOD RIVER NEAR PINEWOOD - STATION NO. 05PC011

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1952	---	21 8 ON APR 17	0 ON AUG 24 *	---	1952
1953	---	12 7 ON JUN 10	---	---	1953
1954	---	27 48 ON APR 14	---	---	1954
1955	---	32 3 ON JUN 5	---	---	1955
1956	---	38 2 ON APR 22	0 ON AUG 18	---	1956
1957	---	56 4 ON APR 22	---	---	1957
1958	22 7A AT 08 20 CST ON JUL 17	22 7A ON JUL 17	08 ON MAR 4	46 000	1958
1959	18 2 AT 03 00 CST ON APR 10	16 9 ON APR 10	08 ON MAR 1	50 900	1959
1960	18 6 AT 10 30 CST ON APR 17	14 8 ON APR 15	08 ON APR 1	---	1960
1961	14 9 AT 00 00 CST ON APR 23	14 6 ON APR 22	08 ON MAR 1	50 100	1961
1962	65 7 AT 07 00 CST ON MAY 24	61 2 ON MAY 24	08 ON MAR 1	173 000	1962
1963	54 4 AT 22 00 CST ON JUN 2	48 1 ON JUN 3	08 ON MAR 1	76 300	1963
1964	46 4 AT 14 00 CST ON MAY 8	43 0 ON MAY 7	08 ON MAR 1	114 000	1964
1965	---	34 3 ON APR 19	08 ON MAR 1	134 000	1965
1966	82 0 AT 04 00 CST ON APR 18	60 5 ON APR 18	08 ON MAR 1	150 000	1966
1967	69 4 AT 15 30 CST ON APR 22 *	56 6 ON APR 22	08 ON MAR 1	137 000	1967
1968	54 6 AT 00 00 CST ON AUG 26	56 9 ON AUG 26	08 ON MAR 1	184 000	1968
1969	51 8 AT 14 00 CST ON APR 15	51 5 ON APR 15	08 ON MAR 1	85 300	1969
1970	49 08 AT 22 30 CST ON APR 28	47 38 ON APR 28	08 ON MAR 1	105 000	1970
1971	---	33 38 ON APR 14	08 ON MAR 1	73 400	1971
1972	---	27 48 ON APR 23	08 ON MAR 1	87 300	1972
1973	21 0 AT 06 00 CST ON OCT 12	20 4 ON OCT 12	08 ON MAR 1	48 400	1973
1974	66 7 AT 10 45 CST ON JUN 8	63 9 ON APR 22	08 ON MAR 1	123 000	1974
1975	47 9A AT 04 00 CST ON APR 26	46 7A ON APR 26	08 ON MAR 1	73 500	1975
1976	13 28 AT 17 50 CST ON APR 6	12 88 ON APR 11	08 ON MAR 1	34 200	1976
1977	16 4 AT 04 25 CST ON JUN 1	15 7 ON JUN 1	08 ON MAR 1	39 900	1977
1978	52 4 AT 14 30 CST ON JUN 1	50 4 ON JUN 1	08 ON MAR 1	124 000	1978
1979	---	106 ON APR 25 *	08 ON MAR 1	104 000	1979
1980	15 0 AT 21 20 CST ON APR 6	12 28 ON APR 7	08 ON MAR 1	35 400	1980
1981	12 2 AT 16 30 CST ON JUN 29	12 2 ON JUN 15	08 ON MAR 1	46 000	1981
1982	40 38 AT 06 00 CST ON APR 16	36 98 ON APR 16	08 ON MAR 1	113 000	1982
1983	---	23 8 ON JUN 23	08 ON MAR 1	51 300	1983
1984	69 0 AT 16 54 CST ON JUN 10	66 8 ON JUN 10	08 ON MAR 1	76 800	1984
				88 500	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

B - ICE CONDITIONS

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PIPESTONE RIVER ABOVE RAINY LAKE - STATION NO OSPBOIS

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	14 9	5 49	6 73	1 52	0 368	---	---	---	1963
1965	---	---	---	---	---	---	---	---	---	---	4 83	4 12	---	1965
1966	4 04	2 87	---	---	19 1	2 53	0 839	---	---	---	---	---	---	1966
1967	---	---	---	---	11 7	3 90	2 30	1 88	0 470	---	---	---	---	1967
1968	---	---	1 47	5 28	8 17	5 39	---	---	---	---	---	---	---	1968
1969	---	---	---	---	---	0 780	0 480	---	0 380	0 282	0 727	0 340	---	1969
1970	---	---	---	---	---	6 18	1 40	0 420	1 86	---	---	---	---	1970
1978	---	---	0 788	9 31	8 84	9 04	3 20	3 91	4 24	2 00	0 939	---	---	1978
1982	---	---	---	---	---	---	---	---	1 24	---	---	---	---	1982
1983	---	---	---	6 00	3 91	6 93	6 36	1 98	1 78	7 10	3 12	4 00	---	1983
1984	2 04	1 47	1 27	8 88	8 92	10 3	4 33	1 27	0 614	1 80	2 56	2 86	3 69	1984
MEAN	3 04	2 17	1 18	7 37	9 41	8 68	3 05	2 70	1 51	3 31	2 44	2 86	3 69	MEAN

LOCATION - LAT 48 34 07 N DRAINAGE AREA, 443 km²
LONG 92 31 27 W NATURAL FLOW

PIPESTONE RIVER ABOVE RAINY LAKE - STATION NO OSPBOIS

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1963	---	---	---	---	1963
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1978	22 6 AT 08 20 CST ON JUN 2	22 3 ON JUN 3	---	---	1978
1982	---	---	---	---	1982
1983	13 2 AT 11 38 CST ON JUL 5	13 1 ON JUL 5	---	---	1983
1984	29 5 AT 05 10 CST ON JUN 9 *	28 2 ON JUN 9 *	0 285 ON OCT 15 *	117 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		117 000	MEAN

PIPESTONE RIVER AT KARL LAKE - STATION NO 04DA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	17 5	9 97	6 73	14 8	170	200	59 8	43 1	13 7	14 0	23 5	18 6	50 3	1967
1968	13 8	10 7	8 62	22 8	156	205	136	146	118	93 1	90 4	42 5	87 3	1968
1969	23 6	20 2	15 3	48 3	126	130	162	77 8	185	209	84 0	39 1	92 1	1969
1970	25 0	17 2	12 7	12 9	146	118	119	50 4	108	125	110	50 7	74 9	1970
1971	32 0	22 2	17 0	81 3	237	84 2	68 9	115	29 3	84 7	101	45 8	73 5	1971
1972	26 1	20 0	15 3	17 4	205	79 6	80 0	67 3	38 6	108	61 5	30 7	63 0	1972
1973	21 0	15 3	12 4	27 9	148	66 7	71 1	31 5	60 8	83 6	56 0	30 6	52 4	1973
1974	18 3	12 8	10 7	14 3	192	304	112	151	145	77 1	46 1	35 4	93 5	1974
1975	26 9	22 3	17 7	20 1	170	110	62 3	67 5	53 4	35 5	39 2	25 5	54 9	1975
1976	17 5	13 5	10 7	48 6	138	62 2	23 1	17 7	26 3	27 1	21 7	13 5	34 2	1976
1977	10 3	9 37	8 58	40 6	117	67 2	60 7	73 3	71 6	68 8	38 0	23 1	48 8	1977
1978	14 4	10 7	9 24	10 5	176	128	147	122	124	74 2	60 8	26 4	76 8	1978
1979	18 3	12 0	10 6	30 7	188	83 1	54 8	61 0	118	108	91 4	36 4	68 1	1979
1980	20 4	13 8	10 1	29 6	117	34 6	15 0	14 5	60 2	103	45 8	20 5	40 4	1980
1981	12 9	8 54	7 08	12 8	88 0	118	50 0	14 3	44 7	74 8	54 4	27 1	42 8	1981
1982	14 8	10 8	10 2	10 8	239	184	71 5	46 4	61 8	108	48 7	21 5	69 3	1982
1983	14 2	10 7	8 77	12 4	58 6	66 8	146	28 9	15 8	23 6	30 9	21 8	38 7	1983
1984	16 4	12 7	9 04	62 1	115	85 4	62 5	29 5	21 9	48 4	62 9	23 9	45 1	1984
MEAN	19 1	14 0	11 2	28 2	155	118	82 8	64 3	72 8	79 8	57 6	30 3	61 1	MEAN

LOCATION - LAT 52 34 50 N DRAINAGE AREA, 5 960 km²
LONG 90 11 20 W NATURAL FLOW

PIPESTONE RIVER AT KARL LAKE - STATION NO. 04DA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	488 ON MAY 30 *	5.108 ON MAR 12 *	1 580 000	1967
1968	---	303 ON MAY 26	8.138 ON MAR 23	2 780 000	1968
1969	309 AT 12:05 EST ON OCT 1	309 ON OCT 1	12.1 ON APR 5	2 910 000	1969
1970	183 AT 03:36 EST ON MAY 13	183 ON MAY 12	9.77 ON APR 20	2 360 000	1970
1971	331 AT 13:55 EST ON MAY 10	331 ON MAY 10	14.4 ON MAR 29	2 320 000	1971
1972	253 AT 12:34 EST ON MAY 10	253 ON MAY 10	14.0 E ON APR 7	1 590 000	1972
1973	188 AT 04:47 EST ON MAY 13	188 ON MAY 12	11.8 ON APR 1	1 650 000	1973
1974	413 AT 18:49 EST ON JUN 13 *	413 ON JUN 13	10.2 B ON APR 1	2 950 000	1974
1975	236 AT 08:13 EST ON MAY 13	235 ON MAY 11	14.1 E ON APR 12	1 730 000	1975
1976	162 AT 18:35 EST ON MAY 16	161 ON MAY 15	9.94 ON MAR 23	1 080 000	1976
1977	144 AT 05:21 EST ON MAY 2	143 ON MAY 2	8.21 ON APR 8	1 470 000	1977
1978	294 AT 15:50 EST ON MAY 16	292 ON MAY 16	8.898 ON APR 11	2 390 000	1978
1979	234 AT 02:53 EST ON MAY 23	233 ON MAY 22	9.748 ON MAR 16	2 080 000	1979
1980	181 AT 20:55 EST ON MAY 5	180 ON MAY 5	7.43 ON APR 16	1 280 000	1980
1981	159 AT 22:47 EST ON JUN 23	158 ON JUN 23	8.858 ON MAR 22	1 350 000	1981
1982	329 AT 20:01 EST ON MAY 11	327 ON MAY 11	7.108 ON APR 14	2 190 000	1982
1983	---	248E ON JUL 8	7.658 ON APR 16	1 160 000	1983
1984	138 AT 17:53 EST ON MAY 4	137 ON MAY 4	8.328 ON MAR 29	1 420 000	1984
				1 930 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

PORCUPINE RIVER AT HOYLE - STATION NO. 04MD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	0.826	0.432	2.76	17.4	7.12	2.39	1.60	0.980	6.00	3.03	7.39	2.08	4.32	1977
1978	0.833	0.555	0.410	2.61	27.5	10.2	7.25	1.33	1.71	7.67	2.47	1.40	5.38	1978
1979	0.893	0.826	1.36	21.0	31.6	9.85	2.12	1.02	3.73	10.3	5.74	2.32	7.80	1979
1980	1.06	1.21	0.595	22.4	15.5	4.22	3.10	1.91	4.58	6.50	3.09	1.35	5.44	1980
1981	0.736	1.47	3.19	25.8	13.0	2.73	1.30	0.557	0.525	3.47	3.46	1.36	4.80	1981
1982	1.07	0.788	0.829	8.33	21.1	2.78	4.75	0.949	4.86	13.3	5.88	2.75	5.75	1982
1983	0.976	0.814	1.70	7.29	35.9	8.82	1.28	1.34	4.02	6.38	3.65	1.90	5.19	1983
1984	1.13	1.83	1.77	19.5	8.54	11.7	6.84	1.19	1.26	2.51	5.03	3.67	5.20	1984
MEAN	0.941	0.988	1.58	15.7	19.8	6.57	3.51	1.16	3.33	6.64	4.60	2.11	5.59	MEAN

LOCATION - LAT 48 33 22 N
LONG 81 03 25 W
DRAINAGE AREA, 401 km^2
NATURAL FLOW

PORCUPINE RIVER AT HOYLE - STATION NO. 04MD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	35.7E ON APR 23	0.095 ON JUN 15 *	138 000	1977
1978	52.1 AT 08:11 EST ON MAY 14	51.8 ON MAY 14	0.3548 ON MAR 18	170 000	1978
1979	82.6 AT 17:13 EST ON APR 27 *	82.3 ON APR 27 *	0.223 ON JUL 24	240 000	1979
1980	63.5 AT 19:03 EST ON APR 25	59.4 ON APR 25	0.515 ON AUG 8	172 000	1980
1981	38.9 AT 11:10 EST ON APR 14	37.3 ON APR 14	0.388 ON AUG 29	151 000	1981
1982	62.9 AT 00:00 EST ON MAY 4	62.0A ON MAY 3	0.544 ON AUG 18	181 000	1982
1983	59.1 AT 00:58 EST ON MAY 5	57.9 ON MAY 4	0.432 ON JUL 28	195 000	1983
1984	44.0 AT 13:11 EST ON JUN 28	43.7 ON JUN 28	0.850 ON SEP 5	185 000	1984
				176 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RAINY RIVER AT FORT FRANCES - STATION NO. 05PC019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1905	---	---	---	---	---	---	---	---	---	---	350	332	---	1905
1906	314	259	212	224	386	438	469	406	316	235	190	173	301	1906
1907	161	151	145	136	167	287	416	498	588	578	504	406	338	1907
1908	311	241	193	179	223	318	432	433	355	276	208	162	276	1908
1909	139	116	120	89.8	15.9	193	317	312	270	242	152	297	188	1909
1910	310	298	285	327	323	258	185	148	143	155	183	116	228	1910
1911	79.3	70.9	73.4	73.6	136	170	119	174	182	141	141	147	124	1911
1912	181	137	134	137	172	170	218	229	209	195	191	178	177	1912
1913	188	188	182	180	187	206	356	242	182	180	173	178	205	1913
1914	190	184	190	190	195	240	296	284	276	277	281	255	239	1914
1915	282	222	208	213	221	208	236	248	213	198	196	249	223	1915
1916	250	261	273	266	573	1 020	681	355	302	309	267	270	412	1916
1917	293	288	286	290	288	267	259	256	197	161	158	146	241	1917
1918	135	82.2	106	114	122	138	162	210	190	193	146	165	146	1918
1919	193	190	168	149	137	229	301	280	247	240	206	189	209	1919
1920	184	194	204	223	218	305	421	290	219	187	196	129	231	1920
1921	162	110	185	216	162	184	201	158	191	162	189	188	175	1921
1922	180	193	206	203	256	267	229	218	203	190	196	185	211	1922
1923	205	220	202	153	183	189	179	184	145	130	112	115	165	1923
1924	122	88.9	95.7	111	116	121	117	109	88.9	90.2	106	101	106	1924
1925	103	89.9	123	142	189	191	205	169	162	167	167	172	156	1925
1926	166	169	171	186	148	148	190	221	232	316	399	323	221	1926
1927	298	285	336	446	977	1 040	926	409	268	252	263	237	478	1927
1928	244	252	260	231	214	211	191	241	311	519	375	245	275	1928
1929	245	332	368	236	224	212	225	209	192	175	124	88.4	219	1929
1930	108	102	95.8	107	118	123	108	116	136	127	130	75.8	112	1930
1931	65.3	67.6	65.3	99.4	84.8	116	112	107	124	122	118	117	100	1931
1932	116	144	159	155	142	156	151	134	155	148	136	189	149	1932
1933	225	260	236	269	219	125	144	136	135	102	90.3	180	175	1933
1934	206	211	226	171	427	622	336	192	173	203	197	207	264	1934
1935	187	186	193	204	261	385	554	283	219	241	242	210	263	1935
1936	212	240	233	203	246	226	203	194	164	144	132	127	194	1936
1937	133	165	195	185	392	690	335	273	246	184	163	188	261	1937
1938	158	151	170	321	922	951	407	214	224	167	138	129	330	1938
1939	138	208	254	175	179	188	162	203	256	225	219	172	198	1939
1940	167	171	182	177	171	141	237	234	185	136	152	127	174	1940
1941	76.4	83.7	105	208	223	341	315	297	459	1 120	762	424	369	1941
1942	309	294	244	235	281	315	266	291	391	247	235	207	276	1942
1943	224	228	248	252	343	930	830	400	377	266	255	232	382	1943
1944	257	185	133	182	290	862	727	916	732	338	304	322	436	1944
1945	289	278	295	568	618	388	351	246	218	217	195	207	321	1945
1946	235	264	281	352	580	303	226	124	151	355	498	418	314	1946
1947	334	322	345	311	339	894	534	342	293	305	287	273	382	1947
1948	261	268	310	386	784	347	308	308	280	208	147	117	309	1948
1949	162	178	199	250	267	271	513	384	288	257	240	263	271	1949
1950	295	322	349	312	788	1 320	1 340	1 030	430	440	305	408	614	1950
1951	389	302	301	309	571	622	363	207	288	331	329	459	371	1951
1952	430	361	327	278	181	181	578	335	348	216	189	182	298	1952
1953	206	172	217	208	149	345	493	315	303	292	260	251	268	1953
1954	255	261	278	241	726	1 100	517	256	241	220	169	178	369	1954
1955	208	218	225	289	209	188	357	262	148	144	184	244	220	1955
1956	286	301	304	388	501	559	382	283	248	144	117	120	301	1956
1957	209	200	210	234	308	457	586	261	238	246	239	242	287	1957
1958	283	249	249	177	80.6	83.0	142	107	104	116	113	118	151	1958
1959	184	186	216	190	186	205	229	222	249	283	271	264	221	1959
1960	268	233	215	181	127	381	264	206	190	170	134	143	209	1960
1961	158	198	195	220	264	370	198	201	192	257	222	270	231	1961
1962	245	261	314	277	514	770	610	543	403	249	200	176	381	1962
1963	219	221	237	170	158	498	511	416	255	241	208	198	279	1963
1964	218	215	188	183	330	803	408	388	484	451	327	339	383	1964
1965	308	261	272	314	419	714	390	286	252	542	801	413	388	1965
1966	402	358	384	532	835	954	423	272	232	161	123	152	400	1966
1967	146	148	148	213	552	389	343	282	208	178	116	118	237	1967
1968	141	154	118	137	387	859	1 020	648	347	505	607	385	440	1968
1969	303	437	324	379	607	778	445	448	230	284	284	342	384	1969
1970	290	296	283	216	526	909	639	235	200	384	612	543	428	1970
1971	396	321	282	375	494	589	329	156	112	289	877	748	414	1971
1972	482	335	330	290	298	259	344	355	235	183	233	286	299	1972
1973	201	194	167	180	124	112	161	297	326	488	431	397	257	1973
1974	322	314	295	227	627	938	670	199	274	261	358	331	401	1974
1975	328	333	291	310	516	383	415	195	141	117	197	238	288	1975
1976	239	195	259	335	333	224	289	150	107	116	84.4	92.6	203	1976
1977	94.9	85.2	94.9	94.8	74.4	73.4	84.7	85.7	507	888	761	587	288	1977
1978	393	300	284	212	192	776	568	392	409	256	223	288	356	1978
1979	217	196	257	284	714	774	281	186	131	109	132	213	291	1979
1980	286	286	216	150	80.0	72.0	72.3	72.8	70.5	71.9	196	238	149	1980
1981	249	256	178	119	333	483	329	166	110	108	166	213	224	1981
1982	215	226	242	204	357	557	428	377	197	419	569	507	358	1982
1983	358	284	287	245	123	181	408	273	242	293	307	370	280	1983
1984	312	283	281	231	241	489	483	217	111	122	132	208	258	1984
MEAN	231	223	224	229	323	436	375	278	246	256	255	242	276	MEAN

LOCATION - LAT 48 36 30 N DRAINAGE AREA, 38 600 km²
LONG 93 24 00 W . REGULATED SINCE 1909

REMARKS - SUMMATIONS OF FLOWS THROUGH 3 OUTLETS

RAINY RIVER AT FORT FRANCES - STATION NO. 05PC019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1905	---	---	---	---	1905
1906	---	481 ON JUL 4	167 ON DEC 28	9 480 000	1906
1907	---	800 ON SEP 23	136 ON APR 1	10 600 000	1907
1908	---	458 ON JUL 24	150 ON DEC 31	8 800 000	1908
1909	---	385 ON AUG 21	8.50 ON MAY 6	5 920 000	1909
1910	---	408 ON MAY 11	59.5 ON DEC 5	7 210 000	1910
1911	---	197 ON AUG 5	30.6 ON DEC 24	3 920 000	1911
1912	---	286 ON JUL 31	101 ON MAR 24	5 600 000	1912
1913	---	433 ON JUL 19	125 ON APR 6	8 450 000	1913
1914	---	362 ON JUL 23	34.5 ON DEC 26	7 550 000	1914
1915	---	297 ON JAN 5	98.8 ON SEP 5	7 030 000	1915
1916	---	1 060 ON JUN 5	41.1 ON DEC 25	13 000 000	1916
1917	---	360 ON APR 13	34.3 ON DEC 25	7 810 000	1917
1918	---	281 ON AUG 20	24.4 ON DEC 25	4 650 000	1918
1919	---	422 ON JUL 12	17.3 ON MAY 14	6 800 000	1919
1920	---	589 ON JUL 6	53.0 ON DEC 25	7 300 000	1920
1921	---	255 ON APR 30	51.8 ON DEC 25	5 520 000	1921
1922	---	303 ON JUN 7	41.9 ON DEC 25	6 650 000	1922
1923	---	240 ON FEB 27	31.1 ON MAY 2	5 190 000	1923
1924	---	147 ON JUN 24	42.5 ON FEB 24	3 340 000	1924
1925	---	243 ON JUL 7	49.0 ON DEC 25	4 830 000	1925
1926	---	507 ON NOV 2	90.6 ON JUL 4	6 970 000	1926
1927	---	1 070 ON MAY 21	28.6 ON DEC 25	15 100 000	1927
1928	---	597 ON OCT 27	34.3 ON FEB 12	8 680 000	1928
1929	---	467 ON MAR 15	41.1 ON DEC 25	6 900 000	1929
1930	---	214 ON NOV 5	29.4 ON NOV 30	3 540 000	1930
1931	---	182 ON OCT 1	22.2 ON APR 5	3 160 000	1931
1932	---	259 ON JUL 28	38.8 ON OCT 23	4 710 000	1932
1933	---	515 ON MAY 5	38.5 ON NOV 13	5 510 000	1933
1934	---	748 ON JUN 12	33.7 ON AUG 12	8 330 000	1934
1935	---	838 ON JUL 9	37.9 ON AUG 11	8 280 000	1935
1936	---	303 ON JUN 2	14.0 ON SEP 7	6 120 000	1936
1937	---	847 ON JUN 27	44.7 ON NOV 14	8 230 000	1937
1938	---	1 040 ON MAY 31	32.0 ON JAN 9	10 400 000	1938
1939	---	326 ON SEP 5	28.9 ON AUG 13	6 250 000	1939
1940	---	286 ON JUL 28	14.4 ON APR 21	5 520 000	1940
1941	---	1 180 ON OCT 16	1.13 ON APR 20 *	11 700 000	1941
1942	---	808 ON SEP 8	41.3 ON DEC 27	8 700 000	1942
1943	---	1 060 ON JUL 1	62.9 ON JAN 3	12 100 000	1943
1944	---	1 090 ON AUG 23	20.4 ON MAY 7	13 900 000	1944
1945	---	833 ON MAY 2	34.8 ON DEC 23	10 100 000	1945
1946	---	646 ON NOV 11	50.4 ON AUG 25	9 900 000	1946
1947	---	1 030 ON JUN 14	61.7 ON DEC 25	12 100 000	1947
1948	---	881 ON MAY 18	54.4 ON DEC 25	9 780 000	1948
1949	---	841 ON JUL 9	50.1 ON JAN 23	8 550 000	1949
1950	---	1 360 ON JUL 7 *	186 ON JAN 22	19 400 000	1950
1951	---	875 ON MAY 29	91.5 ON AUG 18	11 700 000	1951
1952	---	799 ON JUL 19	53.6 ON DEC 25	9 410 000	1952
1953	---	929 ON JUL 3	78.2 ON MAY 3	8 480 000	1953
1954	---	1 140 ON JUN 10	95.7 ON NOV 21	11 600 000	1954
1955	---	770 ON JUL 4	52.7 ON SEP 5	6 930 000	1955
1956	---	801 ON JUN 10	37.4 ON OCT 28	9 500 000	1956
1957	---	988 ON JUL 1	68.5 ON JAN 1	9 040 000	1957
1958	---	297 ON JAN 15	14.3 ON MAY 25	4 770 000	1958
1959	---	311 ON OCT 23	64.6 ON AUG 23	6 960 000	1959
1960	---	527 ON JUN 24	41.6 ON DEC 4	6 610 000	1960
1961	---	515 ON JUN 4	49.3 ON JAN 19	7 270 000	1961
1962	---	841 ON JUN 5	44.5 ON DEC 18	12 000 000	1962
1963	---	813 ON JUN 29	24.9 ON APR 7	8 800 000	1963
1964	---	977 ON JUN 15	74.5 ON APR 12	12 400 000	1964
1965	---	852 ON JUN 14	61.2 ON AUG 29	12 500 000	1965
1966	---	988 ON JUN 9	48.4 ON NOV 24	12 800 000	1966
1967	---	857 ON MAY 13	77.9 ON MAR 5	7 490 000	1967
1968	---	1 040 ON JUL 17	88.1 ON MAR 3	13 900 000	1968
1969	---	900 ON JUN 11	110 ON SEP 10	12 400 000	1969
1970	---	946 ON JUN 22	124 ON MAY 3	13 500 000	1970
1971	---	915 ON NOV 7	98.0 ON SEP 7	13 100 000	1971
1972	---	697 ON JUL 26	118 ON OCT 7	9 470 000	1972
1973	---	823 ON OCT 26	98.5 ON JUN 14	8 100 000	1973
1974	---	991 ON JUN 21	139 ON AUG 16	12 700 000	1974
1975	---	564 ON MAY 20	108 ON OCT 9	9 090 000	1975
1976	---	408 ON APR 26	88.9 ON NOV 28	6 420 000	1976
1977	---	923 ON OCT 7	88.2 ON MAY 10	9 080 000	1977
1978	---	864 ON JUN 13	144 ON MAY 19	11 200 000	1978
1979	---	830 ON JUN 7	94.0 ON OCT 8	9 180 000	1979
1980	---	303 ON JAN 20	88.0 ON SEP 24	4 710 000	1980
1981	---	688 ON JUN 3	95.1 ON OCT 22	7 070 000	1981
1982	---	686 ON JUN 3	153 ON APR 11	11 300 000	1982
1983	---	558 ON JUL 5	100 ON MAY 21	8 820 000	1983
1984	---	737 ON JUL 3	97.4 ON OCT 17	8 100 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		8 700 000	MEAN

RAINY RIVER AT MANITOU RAPIDS - STATION NO. 05PC018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1928	---	---	---	---	---	---	290	318	457	898	421	295	---	1928
1929	261	345	367	384	318	273	257	220	205	187	144	90.4	252	1929
1930	112	118	108	170	292	202	188	127	144	140	153	95.4	154	1930
1931	82.1	88.5	82.5	140	128	195	141	126	147	149	152	143	131	1931
1932	145	167	182	287	292	218	187	161	195	175	237	218	207	1932
1933	235	269	248	529	442	193	178	157	153	142	128	174	237	1933
1934	218	225	235	320	526	848	392	218	208	227	225	240	307	1934
1935	207	211	233	350	435	454	844	352	288	289	276	231	328	1935
1936	227	236	252	388	447	268	209	194	169	148	138	135	233	1936
1937	137	156	202	407	857	745	489	350	391	233	187	184	345	1937
1938	169	178	210	481	1 330	983	438	225	228	178	151	140	394	1938
1939	138	200	253	321	275	257	198	210	324	295	241	184	241	1939
1940	173	180	195	274	409	210	240	243	196	145	199	134	217	1940
1941	94.5	93.3	115	581	335	582	323	297	575	1 200	785	440	450	1941
1942	322	292	255	309	451	380	298	375	529	277	285	221	329	1942
1943	218	224	236	477	611	1 130	823	426	421	308	276	260	451	1943
1944	267	205	160	234	438	1 080	880	954	761	383	401	344	507	1944
1945	298	283	471	779	891	439	390	252	292	253	219	230	383	1945
1946	248	276	381	548	819	377	295	155	187	508	554	441	381	1946
1947	352	334	358	486	803	986	526	384	366	351	313	285	445	1947
1948	259	286	303	727	847	341	282	295	251	190	147	133	337	1948
1949	158	179	206	415	388	408	587	484	275	312	278	277	330	1949
1950	287	310	340	451	1 500	1 400	1 380	934	421	494	319	412	688	1950
1951	353	359	364	558	848	630	356	219	406	445	405	478	436	1951
1952	427	378	332	443	248	203	803	385	343	229	207	199	333	1952
1953	215	184	242	302	298	511	551	345	380	316	272	274	323	1953
1954	267	272	285	586	933	1 080	505	254	238	218	152	177	411	1954
1955	201	218	225	442	295	288	382	280	174	182	197	263	280	1955
1956	293	307	312	632	718	599	388	298	262	161	137	132	353	1956
1957	214	214	224	489	447	586	697	288	298	316	316	274	383	1957
1958	285	271	269	217	126	149	244	129	118	136	128	132	183	1958
1959	198	207	242	253	323	302	280	249	350	322	310	284	277	1959
1960	295	251	225	298	242	492	302	215	214	191	158	185	254	1960
1961	189	204	218	384	485	415	209	216	244	300	242	283	278	1961
1962	257	270	325	410	830	938	840	685	478	283	232	211	488	1962
1963	233	233	252	323	284	848	583	479	298	244	225	225	336	1963
1964	240	234	205	328	575	983	843	416	583	527	385	361	470	1964
1965	328	284	290	532	718	841	458	301	330	738	881	447	495	1965
1966	428	370	390	1 040	1 180	995	518	385	269	219	184	178	512	1966
1967	183	187	184	538	778	522	408	315	231	210	138	132	314	1967
1968	155	169	153	318	475	1 040	1 150	695	498	890	700	431	540	1968
1969	345	488	375	856	745	886	533	562	311	480	398	403	530	1969
1970	329	324	316	505	858	1 140	877	271	238	451	732	817	540	1970
1971	433	338	298	714	708	735	407	209	152	444	1 060	787	523	1971
1972	522	354	354	546	541	337	473	479	324	227	241	280	394	1972
1973	215	208	217	279	238	172	186	384	427	520	474	434	324	1973
1974	342	329	310	483	953	1 200	707	237	318	324	438	371	489	1974
1975	338	338	305	628	808	484	544	242	181	152	237	284	384	1975
1976	265	217	278	584	404	301	348	187	128	138	108	101	254	1976
1977	104	104	109	124	118	135	136	108	720	994	840	844	345	1977
1978	423	318	301	532	374	812	898	527	569	318	245	288	458	1978
1979	232	210	278	700	926	885	401	237	187	138	281	283	383	1979
1980	279	298	230	359	177	104	98.6	96.9	180	134	243	268	203	1980
1981	288	278	213	239	467	824	430	217	147	281	243	253	303	1981
1982	245	248	289	484	711	868	480	421	241	579	883	572	489	1982
1983	397	310	330	343	218	344	450	329	388	471	400	429	389	1983
1984	340	300	282	442	421	740	550	249	130	208	201	242	343	1984
MEAN	257	250	258	445	548	581	457	321	305	332	318	284	383	MEAN

LOCATION - LAT 48 38 04 N DRAINAGE AREA, 50 200 km² INTERNATIONAL GAUGING STATION
LONG 93 54 47 W REGULATED

REMARKS - FORMERLY PUBLISHED UNDER STA. NO. 05PC001

RAINY RIVER AT MANITOU RAPIDS - STATION NO. 05PC018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1928	---	---	---	---	1928
1929	---	484 ON FEB 15	28.3 ON DEC 26 *	7 940 000	1929
1930	558 ON MAY 14	555 ON MAY 14	45.6 ON FEB 11	4 850 000	1930
1931	345 AT 23:00 CST ON JUN 17	337 ON JUN 17	48.1B ON MAR 1	4 140 000	1931
1932	---	445 ON NOV 12	90.6B ON JAN 4	6 540 000	1932
1933	---	980 ON APR 22	101 B ON NOV 13	7 480 000	1933
1934	---	750 ON JUN 13	119 ON AUG 13	9 670 000	1934
1935	---	884 ON JUL 9	128 B ON DEC 26	10 300 000	1935
1936	---	857 ON APR 20	108 B ON DEC 27	7 380 000	1936
1937	1 170 AT 03:00 CST ON APR 28	1 180 ON APR 28	112 B ON JAN 18	10 900 000	1937
1938	1 850 AT 07:00 CST ON MAY 8	1 840 ON MAY 8	96.3B ON DEC 26	12 400 000	1938
1939	---	504 ON APR 27	96.3B ON FEB 13	7 610 000	1939
1940	868 AT 05:00 CST ON MAY 3	858 ON MAY 3	96.3B ON DEC 28	5 850 000	1940
1941	1 380 AT 18:00 CST ON OCT 10	1 380 ON OCT 10	82.3B ON JAN 18	14 200 000	1941
1942	---	1 020 ON SEP 2	156 B ON DEC 28	10 400 000	1942
1943	1 350 AT 04:15 CST ON JUN 7	1 340 ON JUN 7	142 B ON JAN 4	14 200 000	1943
1944	---	1 350 ON JUN 8	68.0B ON MAR 5	15 000 000	1944
1945	1 070 AT 07:00 CST ON MAR 28	1 050 ON MAR 29	103 ON SEP 4	12 100 000	1945
1946	773 AT 15:00 CST ON MAR 28	753 ON MAR 28	105 ON SEP 3	12 000 000	1946
1947	1 530 AT 15:30 CST ON JUN 13	1 520 ON JUN 13	170 B ON DEC 26	14 000 000	1947
1948	---	1 280 ON APR 28	102 B ON DEC 7	10 700 000	1948
1949	---	957 ON JUL 10	96.3B ON JAN 3	10 400 000	1949
1950	2 030 AT 09:00 CST ON MAY 12 *	2 020 ON MAY 11 *	227 B ON JAN 2	21 700 000	1950
1951	1 390 AT 18:00 CST ON MAY 5	1 380 ON MAY 5	140 ON AUG 20	13 700 000	1951
1952	861 AT 18:00 CST ON JUL 23	858 ON JUL 23	85.0B ON DEC 26	10 500 000	1952
1953	923 AT 23:00 CST ON JUL 4	915 ON JUL 4	136 B ON JAN 2	10 200 000	1953
1954	1 170 AT 03:30 CST ON APR 18	1 160 ON JUN 1	123 ON NOV 22	12 900 000	1954
1955	894 AT 09:00 CST ON JUL 5	885 ON JUL 5	84.4 ON SEP 6	8 200 000	1955
1956	1 010 AT 04:00 CST ON APR 22	1 010 ON APR 22	79.3B ON DEC 27	11 200 000	1956
1957	1 280 AT 20:30 CST ON JUN 25	1 280 ON JUN 25	87.8B ON JAN 2	11 400 000	1957
1958	---	317 ON JUL 18	88.3 ON MAY 26	5 790 000	1958
1959	507 AT 03:30 CST ON SEP 10	504 ON SEP 10	114 ON JUL 5	8 740 000	1959
1960	848 AT 04:30 CST ON JUN 13	834 ON JUN 12	85.0B ON DEC 18	8 010 000	1960
1961	719 AT 05:00 CST ON MAY 18	716 ON MAY 18	80.1B ON JAN 18	8 730 000	1961
1962	1 580 AT 04:00 CST ON MAY 26	1 550 ON MAY 26	115 B ON DEC 26	15 400 000	1962
1963	835 AT 13:00 CST ON JUN 28	833 ON JUN 28	134 ON NOV 25	10 600 000	1963
1964	1 350 AT 03:00 CST ON JUN 26	1 350 ON JUN 26	140 ON APR 5	14 900 000	1964
1965	1 070 AT 00:30 CST ON JUN 10	1 070 ON JUN 9	117 ON SEP 7	15 600 000	1965
1966	1 510 AT 04:30 CST ON APR 27	1 500 ON APR 27	87.1B ON NOV 25	15 100 000	1966
1967	960 AT 08:30 CST ON MAY 5	951 ON MAY 5	89.5B ON MAR 5	9 810 000	1967
1968	---	1 310 ON JUL 19	98.3B ON MAR 4	17 100 000	1968
1969	1 550 AT 08:30 CST ON APR 18	1 540 ON APR 18	202 ON SEP 11	18 700 000	1969
1970	1 610 ON JUN 15	1 610 ON JUN 15	204 ON AUG 23	17 000 000	1970
1971	1 380 AT 01:00 CST ON NOV 3	1 340 ON NOV 3	139 ON SEP 21	16 500 000	1971
1972	---	1 010 ON APR 22	184 B ON DEC 31	12 500 000	1972
1973	---	818E ON OCT 15	134 E ON JUN 15	10 200 000	1973
1974	1 740A ON JUN 10	1 730A ON JUN 10	180 ON AUG 18	15 700 000	1974
1975	1 490 AT 08:30 CST ON MAY 1	1 480 ON MAY 1	132 ON OCT 7	12 100 000	1975
1976	753 AT 01:00 CST ON APR 9	738 ON APR 9	97.7B ON NOV 28	8 020 000	1976
1977	1 270 AT 07:00 CST ON SEP 28	1 270 ON SEP 28	97.1 ON MAY 11	10 900 000	1977
1978	1 210 AT 03:30 CST ON JUN 3	1 200 ON JUN 3	205 ON NOV 13	14 400 000	1978
1979	1 730A ON APR 26	1 720A ON APR 26	124 ON OCT 7	12 400 000	1979
1980	493 AT 08:30 CST ON APR 20	487 ON APR 20	88.9 ON AUG 16	8 420 000	1980
1981	861 AT 11:00 CST ON JUN 5	844 ON JUN 5	134 ON SEP 23	9 570 000	1981
1982	1 090 AT 05:00 CST ON APR 22	1 070 ON APR 22	193 ON APR 12	14 800 000	1982
1983	---	718 ON JUL 6	170 ON JUN 13	11 800 000	1983
1984	---	1 210 ON JUN 11	108 ON OCT 8	10 800 000	1984
				11 400 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RAISIN RIVER NEAR WILLIAMSTOWN - STATION NO. 02MC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	---	---	0.326	0.241	---	1980
1981	0.201	0.238	7.73	20.3	3.35	1.33	0.885	0.717	1.48	0.235	1.24	4.57	3.52	1981
1982	1.35	0.498	10.4	31.2	4.53	0.341	0.211	1.60	0.789	5.44	10.0	2.80	5.78	1982
1983	0.823	0.611	5.91	28.8	7.53	1.12	0.118	0.157	2.51	0.824	7.79	4.07	5.00	1983
1984	1.65	1.65	12.8	13.3	1.52	0.318	0.078	0.013	0.008	0.014	0.070	1.03	2.72	1984
1985	1.07	1.05	7.10	9.85	2.45	0.242	0.023	0.082	1.11	5.20	7.80	5.38	3.42	1985
1986	2.88	1.88	20.3	8.76	2.48	1.56	0.153	0.084	0.083	0.034	1.27	6.34	3.82	1986
1987	1.84	1.64	4.80	27.1	3.99	1.11	0.506	0.338	0.129	0.835	8.05	5.80	4.49	1987
1988	0.936	1.94	21.8	13.2	2.70	1.78	0.948	0.215	0.171	0.258	2.58	4.59	4.26	1988
1989	1.75	3.50	9.58	30.8	8.63	5.06	1.61	5.23	0.402	0.863	4.87	4.94	8.38	1989
1970	1.13	3.51	5.85	35.1	4.85	0.385	0.168	0.081	0.308	0.929	4.98	3.71	5.02	1970
1971	2.36	2.14	5.14	48.7	8.13	0.706	0.067	0.041	0.145	0.113	0.345	2.76	5.85	1971
1972	1.05	0.872	1.41	42.6	8.79	6.23	5.48	3.32	0.644	7.82	12.7	5.98	8.04	1972
1973	7.87	4.86	29.1	11.8	7.77	4.56	0.811	1.02	1.07	3.82	3.28	4.81	6.78	1973
1974	5.03	2.27	14.8	23.8	11.3	1.93	0.431	0.175	0.061	0.112	2.04	4.19	5.52	1974
1975	3.45	1.09	10.2	28.7	2.37	1.92	0.088	0.035	0.914	6.13	9.48	6.85	5.78	1975
1976	1.25	5.29	26.4	16.9	11.5	1.37	0.577	0.284	0.911	5.28	3.29	1.14	6.28	1976
1977	0.374	0.287	28.2	11.3	1.46	0.285	0.255	0.866	0.782	9.17	8.57	6.94	5.76	1977
1978	8.55	3.82	5.88	43.2	2.91	0.739	0.125	0.078	0.048	0.098	0.315	0.398	5.47	1978
1979	2.03	2.13	24.7	14.2	3.17	0.872	0.137	0.072	5.48	3.82	6.04	9.18	5.89	1979
1980	1.58	0.214	8.29	14.7	3.55	0.484	0.041	0.021	1.28	2.35	5.22	6.41	3.68	1980
1981	0.908	22.0	5.04	4.88	5.50	4.07	0.904	1.09	3.06	7.83	9.81	2.51	5.48	1981
1982	2.22	1.08	11.0	22.8	1.81	0.650	0.143	0.360	0.776	1.09	5.58	9.38	4.74	1982
1983	3.42	3.48	13.4	17.6	10.2	1.53	0.203	0.082	0.009	0.125	5.67	12.4	5.88	1983
1984	1.98	10.0	7.01	21.9	5.68	1.38	0.179	0.129	0.093	0.059	0.330	1.88	4.25	1984
MEAN	2.33	3.21	12.4	22.5	5.30	1.67	0.588	0.868	0.926	2.58	4.78	4.73	5.15	MEAN

LOCATION - LAT 45 09 19 N, LONG 74 38 18 W DRAINAGE AREA, 404 km² NATURAL FLOW

REMARKS - DRAINAGE AREA AND FLOWS ARE REFERRED TO CONTROL AT LAT. 45 09 10 LONG. 74 37 31

RAISIN RIVER NEAR WILLIAMSTOWN - STATION NO. 02MC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	---	---	---	111 000	1981
1982	---	43.68 ON MAR 29	0.074 ON FEB 1	182 000	1982
1983	---	114 B ON MAR 31	0.108 ON JUL 20	158 000	1983
1984	---	131 B ON APR 1 *	0.082 ON AUG 1	86 000	1984
1985	---	35.18 ON MAR 8	0.003 ON SEP 4 *	108 000	1985
1986	---	28.3 ON NOV 29	0.008 ON AUG 3	121 000	1986
1987	---	61.7 ON MAR 19	0.017 ON OCT 1	142 000	1987
1988	---	104 ON APR 3	0.023 ON SEP 20	135 000	1988
1989	74.2B AT 20:20 EST ON APR 7	80.78 ON MAR 28	0.034 ON AUG 14	201 000	1989
1970	98.1 AT 03:30 EST ON APR 10	83.48 ON APR 7	0.147 ON OCT 11	158 000	1970
1971	99.7 AT 21:50 EST ON APR 20	93.2 ON APR 10	0.042 ON AUG 15	184 000	1971
1972	102 AT 03:55 EST ON APR 18	86.0 ON APR 20	0.022 ON AUG 18	255 000	1972
1973	---	93.7 ON APR 18	0.331 ON SEP 25	213 000	1973
1974	---	75.08 ON MAR 18	0.055A ON SEP 3	174 000	1974
1975	---	88.08 ON MAR 8	0.034 ON AUG 31	182 000	1975
1976	---	101 ON APR 20	0.012 ON AUG 21	199 000	1976
1977	---	92.08 ON MAR 28	0.078 ON AUG 7	182 000	1977
1978	117 B AT 19:38 EST ON APR 14 *	97.18 ON MAR 15	0.082 ON JUL 29	172 000	1978
1979	75.8 AT 01:59 EST ON MAR 25	107 B ON APR 14	0.021 ON JUL 29	189 000	1979
1980	54.4 AT 01:18 EST ON APR 10	74.4 ON MAR 25	0.017 ON JUL 31	116 000	1980
1981	97.2 AT 19:20 EST ON FEB 21	51.0 ON APR 10	0.003 ON AUG 24	173 000	1981
1982	---	90.98 ON FEB 21	0.180 ON AUG 8	150 000	1982
1983	54.7 AT 12:58 EST ON MAR 20	90.88 ON APR 1	0.027 ON AUG 24	179 000	1983
1984	64.4 AT 20:00 EST ON APR 6	53.8 ON MAR 20	0.005 ON SEP 13	134 000	1984
		62.6 ON APR 8	0.022 ON AUG 11	163 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

RAWDON CREEK NEAR WEST HUNTINGDON - STATION NO. 02HK008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	---	---	---	0.361	0.828	2.13	---	1982
1983	1.43	1.82	1.75	2.24	2.20	0.728	0.198	0.203	0.073	0.174	0.522	1.18	1.02	1983
1984	0.588	2.74	2.40	4.42	2.06	0.731	0.392	0.841	0.425	0.213	0.578	1.08	1.33	1984
MEAN	1.01	2.18	2.08	3.33	2.13	0.730	0.295	0.372	0.249	0.249	0.676	1.46	1.18	MEAN

LOCATION - LAT 44 20 18 N, LONG 77 28 39 W DRAINAGE AREA, 86.7 km² NATURAL FLOW

REMARKS - GAUGE OPERATIONAL FROM SEP 15 1982, FORMERLY CALLED "RAWDON CREEK AT WEST HUNTINGDON STATION"

RAWDON CREEK NEAR WEST HUNTINGDON - STATION NO. 02HK008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	5.85 AT 07:11 EST ON FEB 3	5.57 ON FEB 3	0.018 ON SEP 13 *	32 300	1983
1984	10.2 AT 06:40 EST ON APR 6 *	9.75 ON APR 6 *	0.155 ON JUL 29	42 200	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		37 300	MEAN

REDHILL CREEK AT HAMILTON - STATION NO. 02HA014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0.416	0.186	3.22	1.45	0.675	0.171	0.201	0.184	0.756	0.528	0.454	0.527	0.738	1978
1979	0.789	0.303	1.51	2.42	0.378	0.587	0.178	0.232	0.201	0.229	0.343	1.12	0.688	1979
1980	0.453	0.184	1.45	1.38	0.375	0.251	0.113	0.113	0.291	0.224	0.131	0.193	0.431	1980
1981	0.076	1.40	0.225	0.442	0.251	0.359	0.504	1.16	2.26	1.20	0.619	0.223	0.719	1981
1982	0.326	0.170	3.21	0.959	0.244	1.08	0.257	0.339	0.514	0.185	0.776	1.19	0.775	1982
1983	0.406	0.835	1.21	1.16	0.805	0.307	0.286	0.320	0.180	0.283	0.623	1.44	0.654	1983
1984	0.151	1.89	1.51	1.85	0.733	2.35	0.155	0.213	0.958	0.087	0.455	0.707	0.895	1984
MEAN	0.371	0.713	1.78	1.35	0.494	0.726	0.242	0.368	0.737	0.391	0.486	0.771	0.700	MEAN

LOCATION - LAT 43 13 56 N LONG 79 47 08 W
DRAINAGE AREA, 80.9 km^2
NATURAL FLOW

REDHILL CREEK AT HAMILTON - STATION NO. 02HA014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	31.4 AT 11:46 EST ON MAR 21	20.2 ON MAR 21	0.020 ON AUG 22	23 200	1978
1979	28.1 AT 18:03 EST ON DEC 25	17.8 ON DEC 25	0.013 ON JUL 30 *	21 700	1979
1980	27.7 AT 14:02 EST ON MAR 21	16.0 ON MAR 21	0.018 ON JUN 21	13 600	1980
1981	36.5 AT 08:08 EST ON SEP 5	15.9 ON SEP 5	0.024B ON JAN 4	22 700	1981
1982	48.2 AT 15:50 EST ON MAR 13	20.4 ON MAR 13	0.055 ON MAR 4	24 400	1982
1983	25.9 AT 13:00 EST ON JUL 31	9.27 ON MAR 19	0.030 ON SEP 3	20 600	1983
1984	72.4 AT 21:04 EST ON JUN 13 *	35.1 ON JUN 18 *	0.045 ON OCT 31	28 300	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		22 100	MEAN

REESOR CREEK ABOVE GREEN RIVER - STATION NO. 02HC039

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	0.672	0.717	0.251	0.270	0.134	0.134	0.157	0.268	0.204	---	1974
1975	0.310	0.626	0.722	0.740	0.303	0.172	0.107	0.089	0.121	0.124	0.152	0.224	0.306	1975
1976	0.219	0.487	1.38	0.482	0.394	0.148	0.332	0.175	0.159	0.224	0.178	0.155	0.362	1976
1977	0.100	0.118	1.16	0.403	0.153	0.111	0.236	0.178	0.422	0.497	0.571	0.815	0.383	1977
1978	0.348	0.097	0.502	1.72	0.625	0.162	0.118	0.177	0.245	0.243	0.250	0.194	0.390	1978
1979	0.297	0.206	1.54	0.748	0.356	0.168	0.147	0.162	0.185	0.348	0.429	0.639	0.438	1979
1980	0.234	0.073	1.21	0.997	0.266	0.165	0.250	0.127	0.185	0.285	0.285	0.417	0.376	1980
1981	0.116	1.40	0.357	0.365	0.359	0.189	0.144	0.332	0.386	0.555	0.550	0.249	0.408	1981
1982	0.221	0.133	1.02	1.13	0.195	0.348	0.288	0.192	0.195	0.297	0.772	0.635	0.468	1982
1983	0.324	0.518	0.562	0.736	0.616	0.178	0.118	0.156	0.157	0.234	0.519	0.408	0.375	1983
1984	0.181	0.979	0.819	0.785	0.516	0.174	0.156	0.122	0.233	0.174	0.372	0.363	0.403	1984
MEAN	0.235	0.484	0.927	0.798	0.409	0.188	0.195	0.169	0.220	0.285	0.395	0.391	0.391	MEAN

LOCATION - LAT 43 56 07 N LONG 79 12 03 W
DRAINAGE AREA, 38.3 km^2
REGULATED

REESOR CREEK ABOVE GREEN RIVER - STATION NO. 02HC038

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	5.27A ON MAR 5	0.098 ON AUG 22	---	1974
1975	---	5.66B ON FEB 24	0.040 ON AUG 20 *	9 640	1975
1976	10.2 AT 03:55 EST ON MAR 21	7.36 ON MAR 21	0.085 ON AUG 25	11 400	1976
1977	9.46 AT 08:30 EST ON MAR 13	6.57 ON MAR 13	0.062 ON JUN 9	12 100	1977
1978	8.56 AT 15:01 EST ON MAY 14	5.88 ON APR 7	0.088B ON FEB 5	12 300	1978
1979	8.60 AT 05:50 EST ON MAR 14	4.87 ON MAR 14	0.098 ON JUN 21	13 800	1979
1980	10.6 AT 17:16 EST ON MAR 21	7.32 ON MAR 21	0.062 ON AUG 27	11 900	1980
1981	---	6.80B ON FEB 19	0.083 ON JUL 16	12 900	1981
1982	12.6 AT 18:16 EST ON MAR 31 *	7.93 ON MAR 31	0.085 ON JUN 13	14 800	1982
1983	5.73 AT 05:48 EST ON APR 10	3.46B ON FEB 3	0.093 ON JUL 12	11 800	1983
1984	---	8.65B ON FEB 14 *	0.080 ON AUG 27	12 700	1984
	A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		13 300	MEAN

REESOR CREEK NEAR ALTONA - STATION NO. 02HC040

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	0.306	0.271	0.106	0.106	0.051	0.056	0.063	0.088	0.089	---	1974
1975	0.125	0.226	0.331	0.292	0.107	0.057	0.034	0.035	0.041	0.052	0.080	0.066	0.118	1975
1976	0.060	0.182	0.783	0.220	0.157	0.058	---	---	---	---	---	---	---	1976
MEAN	0.093	0.204	0.557	0.273	0.178	0.074	0.070	0.043	0.049	0.058	0.079	0.078	0.118	MEAN

LOCATION - LAT 43 57 16 N DRAINAGE AREA, 15.0 km²
LONG 79 12 28 W NATURAL FLOW

REESOR CREEK NEAR ALTONA - STATION NO. 02HC040

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	2.06 ON APR 19	0.023 ON AUG 1 *	3 720	1975
1976	---	5.108 ON MAR 21 *	---	---	1976
				3 720	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

RIDEAU RIVER ABOVE SMITHS FALLS - STATION NO. 02LA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	---	---	---	8.62	10.8	---	1970
1971	---	---	---	---	---	9.23	8.61	8.95	8.85	5.87	4.80	4.21	---	1971
1972	4.08	3.42	20.3	41.6	30.9	12.4	15.4	11.1	8.89	8.19	24.3	27.1	17.3	1972
1973	27.8	25.6	31.7	38.3	21.8	9.22	8.27	8.19	8.20	7.18	6.59	6.43	16.6	1973
1974	18.5	13.9	14.4	49.1	38.5	9.91	7.72	7.25	7.06	6.59	6.94	8.70	15.3	1974
1975	11.0	10.6	12.5	38.9	18.3	8.21	8.16	7.99	8.72	8.41	8.60	12.1	12.5	1975
1976	11.2	17.9	38.4	42.8	20.1	12.3	7.61	7.98	7.24	7.11	6.18	5.28	15.4	1976
1977	5.48	11.2	8.54	29.1	8.31	8.69	8.24	8.50	8.23	5.57	5.71	10.0	8.09	1977
1978	26.0	35.3	13.3	33.8	---	---	---	---	---	---	4.45	3.72	---	1978
1979	11.9	21.8	17.5	25.8	---	---	---	---	---	---	10.8	10.2	---	1979
1980	23.6	10.2	9.70	32.9	---	---	---	---	---	---	8.78	24.1	---	1980
1981	12.7	18.9	28.8	5.10	---	---	---	---	---	---	30.8	17.8	---	1981
1982	13.4	16.0	15.8	25.7	---	---	---	---	---	---	8.12	22.2	---	1982
1983	21.6	11.2	8.10	27.9	---	---	---	---	---	---	15.8	28.5	---	1983
1984	14.1	15.9	29.2	45.7	---	---	---	---	---	---	4.98	4.20	---	1984
MEAN	15.5	16.3	19.2	33.6	22.6	9.71	9.14	8.28	7.31	6.70	10.4	12.9	14.3	MEAN

LOCATION - LAT 44 53 26 N DRAINAGE AREA, 1 290 km²
LONG 76 03 45 W REGULATED

REMARKS - SEASONAL OPERATION (OCT-MAY APPROX.) SINCE 1978

RIDEAU RIVER ABOVE SMITHS FALLS - STATION NO. 02LA005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	126 AT 10:15 EST ON APR 27 *	122 ON APR 27 *	2.48 ON JAN 30	548 000	1972
1973	---	90.3 ON APR 7	5.95 ON DEC 7	521 000	1973
1974	94.9 AT 20:25 EST ON APR 9	90.6 ON APR 8	3.20 ON NOV 27	482 000	1974
1975	---	76.2 ON APR 25	5.35 ON MAR 18	395 000	1975
1976	77.6 AT 21:15 EST ON APR 4	77.0 ON APR 3	5.18 ON DEC 5	488 000	1976
1977	---	42.2 ON APR 8	0 E ON MAR 14 *	287 000	1977
1978	57.8 AT 08:50 EST ON APR 26	56.1 ON APR 26	---	---	1978
1979	42.4 AT 06:26 EST ON APR 8	41.4 ON APR 8	0.491 ON MAR 27	---	1979
1980	46.6 AT 16:26 EST ON APR 17	45.4 ON APR 17	0 ON MAR 23	---	1980
1981	85.4 AT 19:21 EST ON FEB 26	78.7 ON MAR 3	---	---	1981
1982	43.3 AT 13:46 EST ON APR 15	39.3 ON APR 21	---	---	1982
1983	---	40.0 ON APR 15	---	---	1983
1984	70.6 AT 02:05 EST ON APR 9	69.6 ON APR 9	---	---	1984
				454 000	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

RIDEAU RIVER AT OTTAWA - STATION NO. 02LA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1933	---	---	---	---	35.5	9.77	6.48	7.12	6.94	8.51	16.0	---	---	1933
1934	---	---	---	---	14.2	6.58	6.03	5.16	6.13	8.08	11.5	---	---	1934
1935	---	---	---	---	20.3	18.3	13.1	8.16	8.86	12.0	13.6 R	---	---	1935
1936	---	---	---	---	28.3	6.76	6.04	6.61	8.17	17.1	42.3	---	---	1936
1937	---	---	---	---	67.9	14.3	8.08	11.2	8.43	14.0	57.6	---	---	1937
1938	---	---	---	---	18.2	8.06	6.39	6.57	9.50	8.02	8.81	---	---	1938
1939	---	---	---	---	35.5	9.27	8.51	11.9	9.21	10.5	20.4	---	---	1939
1940	---	---	---	---	47.1	41.0	12.5	8.75	8.02	6.83	11.5	---	---	1940
1941	---	---	---	---	7.36	5.10	6.78	7.13	6.67	7.14	10.9	---	---	1941
1942	---	---	---	---	18.8	8.89	7.43	8.12	13.1	10.7	30.4	---	---	1942
1943	---	---	---	---	170	46.8	9.87	8.50	10.4	10.6	28.6	---	---	1943
1944	---	---	---	---	27.9	10.9	8.23	8.18	7.84	8.77	8.11	---	---	1944
1945	---	---	---	---	111	47.4	33.7	17.4	23.1	61.9	61.2	---	---	1945
1946	---	---	---	34.9	24.3	10.8	9.06	9.07	9.38	11.8	32.9	46.4	---	1946
1947	42.2	79.9	87.2	285	97.3	62.5	52.1	18.2	13.9	11.3	17.0	---	---	1947
1948	---	---	---	88.0	35.9	16.4	11.2	12.1	9.78	8.87	15.6	10.2	---	1948
1949	14.0	25.3	82.0	154	28.5	8.49	6.51	5.92	6.40	10.3	11.5	30.0	32.6	1949
1950	110	28.0	29.5	281	24.9	13.6	7.79	8.42	8.80	10.6	18.9	30.4	46.8	1950
1951	43.3	36.0	152	212	33.3	12.7	16.6	13.3	12.4	11.1	32.6	39.7	51.2	1951
1952	37.7	56.1	68.5	188	42.8	17.2	12.2	23.0	18.5	16.3	16.0	49.3	43.6	1952
1953	19.7	26.6	112	80.4	46.5	11.6	8.55	8.47	7.62	10.4	13.4	20.0	30.5	1953
1954	12.1	18.7	68.0	222	82.8	19.1	12.2	10.6	10.4	35.7	68.7	48.3	49.5	1954
1955	44.4	40.2	94.4	205	21.5	11.0	7.95	7.62	9.35	27.7	58.2	24.7	45.8	1955
1956	16.7	10.4	19.8	163	117	58.4	14.0	9.48	9.82	10.1	13.2	8.85	37.5	1956
1957	11.5	10.2	47.6	33.7	11.4	7.31	6.08	4.92	4.79	5.76	9.25	13.2	13.8	1957
1958	9.85	4.98	56.2	84.6	21.7	8.61	8.63	8.44	8.59	27.1	26.1	10.4	24.1	1958
1959	10.4	12.2	37.6	168	14.0	7.83	9.02	9.26	10.5	11.0	23.1	39.1	29.3	1959
1960	13.6	28.0	46.5	306	50.2	10.2	7.82	7.51	9.37	9.62	17.3	5.92	42.3	1960
1961	5.37	3.55	34.0	84.5	33.2	28.1	15.1	8.22	8.15	8.82	11.8	9.45	20.7	1961
1962	8.03	4.69	21.4	117	25.1	8.00	7.40	7.71	7.07	12.7	30.6	15.2	22.0	1962
1963	6.38	5.78	49.8	103	42.1	10.8	8.13	8.69	9.68	8.90	24.4	20.9	24.6	1963
1964	13.0	16.5	83.4	71.8	24.9	10.8	7.76	8.72	8.14	8.43	7.42	8.73	20.1	1964
1965	5.11	8.20	38.2	85.9	21.2	8.00	8.26	7.53	11.0	21.7	58.5	87.8	30.0	1965
1966	45.8	23.8	120	57.3	21.5	14.6	8.35	8.33	8.58	11.3	15.7	35.4	30.8	1966
1967	25.8	41.1	45.5	111	31.1	14.9	11.8	10.9	10.8	37.7	72.8	47.0	38.2	1967
1968	15.4	12.4	98.7	80.1	11.8	17.6	24.1	8.06	11.7	12.3	26.9	50.7	31.7	1968
1969	30.9	32.8	61.8	203	87.7	48.6	33.2	12.9	8.94	9.34	19.1	20.0	47.3	1969
1970	10.2	9.38	34.8	210	43.7	9.44	9.54	7.77	10.8	22.7	47.9	38.3	37.8	1970
1971	27.1	26.6	51.6	285	54.2	11.5	9.47	8.81	8.32	10.6	9.24	18.2	41.5	1971
1972	12.6	12.7	22.8	254	73.7	32.2	42.0	28.9	9.39	33.1	74.4	72.8	55.5	1972
1973	72.4	61.6	198	113	65.4	27.7	8.34	13.6	9.45	18.1	25.8	43.9	54.8	1973
1974	57.5	36.2	94.6	203	94.6	17.7	11.1	7.75	7.72	12.5	16.2	27.7	48.9	1974
1975	36.1	18.9	82.1	169	33.0	9.81	7.18	5.89	10.7	21.1	30.2	42.5	38.9	1975
1976	17.1	46.5	187	164	68.8	25.0	15.0	10.9	11.8	25.7	27.7	11.4	51.1	1976
1977	6.38	13.1	162	95.4	16.1	7.74	5.98	6.41	6.88	23.8	30.8	47.8	35.4	1977
1978	74.4	71.8	43.3	242	22.7	9.86	4.96	5.92	5.92	12.0	8.02	7.69	41.9	1978
1979	18.8	29.2	141	105	33.6	16.9	7.54	6.62	8.80	22.9	36.4	54.3	40.2	1979
1980	39.8	14.0	104	129	52.9	10.3	8.10	9.05	12.9	27.7	37.7	70.7	43.1	1980
1981	21.0	148	74.6	30.4	29.3	49.8	18.4	25.3	102	85.2	64.4	34.3	57.8	1981
1982	27.3	23.0	58.5	191	20.4	29.0	10.5	10.4	14.5	22.9	35.1	75.7	43.1	1982
1983	82.0	30.7	78.9	127	101	17.0	5.81	8.06	8.12	14.9	85.9	88.4	48.7	1983
1984	30.3	78.4	70.7	214	58.3	17.4	8.39	10.3	7.26	10.4	11.3	12.6	43.8	1984
MEAN	28.2	31.0	77.6	151	44.2	16.5	11.8	9.80	11.6	17.1	28.9 R	34.6	38.8	MEAN

LOCATION - LAT 45 22 54 N DRAINAGE AREA, 3 830 km²
LONG 75 41 52 W REGULATED

R - REVISED SINCE JAN 1980

REMARKS - PRIOR TO OCT 01 1966 RECORDS COLLECTED AT MANUAL STATION NO. 02LA002, 4.8 km DOWNSTREAM OF PRESENT SITE

RIDEAU RIVER AT OTTAWA - STATION NO. 02LA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1933	---	---	---	---	1933
1934	---	---	---	---	1934
1935	---	---	---	---	1935
1936	---	---	---	---	1936
1937	---	144 ON MAY 12	2.52 ON SEP 3	---	1937
1938	---	---	---	---	1938
1939	---	---	---	---	1939
1940	---	---	---	---	1940
1941	---	---	---	---	1941
1942	---	---	---	---	1942
1943	---	221 ON MAY 14	3.60 ON JUN 10	---	1943
1944	---	---	---	---	1944
1945	---	320 ON MAY 19	---	---	1945
1946	---	---	---	---	1946
1947	---	538 ON APR 12	8.55 ON OCT 25	---	1947
1948	---	---	5.46 ON NOV 3	---	1948
1949	---	378 ON MAR 30	4.59 ON OCT 26	1 030 000	1949
1950	---	447 ON APR 6	5.89 ON JUL 22	1 470 000	1950
1951	---	418 ON APR 2	4.98 ON MAY 16	1 620 000	1951
1952	---	379 ON APR 6	7.08 ON JUL 7	1 380 000	1952
1953	---	331 ON MAR 28	7.08 ON NOV 3	981 000	1953
1954	---	405 ON APR 8	9.40 ON JUL 31	1 560 000	1954
1955	---	493 ON APR 6	4.53 ON MAY 25	1 440 000	1955
1956	---	351 ON APR 5	3.91 ON SEP 17	1 180 000	1956
1957	---	133 ON MAR 15	2.97 ON DEC 18	436 000	1957
1958	---	306 ON MAR 31	3.31B ON JAN 13	762 000	1958
1959	---	413 ON APR 6	4.84 ON OCT 16	923 000	1959
1960	---	532 ON APR 14	3.14 ON DEC 1	1 340 000	1960
1961	---	193 ON MAR 30	3.06B ON FEB 10	853 000	1961
1962	---	323B ON APR 1	4.39B ON MAR 5	695 000	1962
1963	---	442 ON MAR 31	4.50 ON JUL 4	774 000	1963
1964	---	109 ON APR 23	3.65 ON DEC 22	638 000	1964
1965	---	146 ON DEC 31	3.48B ON FEB 1	847 000	1965
1966	---	215B ON MAR 6	5.21 ON JUL 7	973 000	1966
1967	---	311 ON APR 3	7.70 ON SEP 19	1 210 000	1967
1968	---	377 ON MAR 30	7.33 ON AUG 15	1 000 000	1968
1969	---	328 ON APR 8	4.39 ON SEP 29	1 480 000	1969
1970	---	442 ON APR 14	5.95 ON JUL 13	1 180 000	1970
1971	513 AT 00:30 EST ON APR 19	498 ON APR 19	4.87 ON NOV 8	1 310 000	1971
1972	578 AT 18:30 EST ON APR 20	535 ON APR 21	8.57 ON SEP 25	1 780 000	1972
1973	464 AT 02:00 EST ON MAR 18	447 ON MAR 18	5.97 ON JUL 31	1 730 000	1973
1974	---	398 ON APR 6	6.26 ON AUG 26	1 540 000	1974
1975	413 AT 18:20 EST ON APR 19	394 ON APR 20	4.59 ON AUG 20	1 230 000	1975
1976	597 AT 04:28 EST ON MAR 28 *	583 ON MAR 28 *	7.33 ON AUG 31	1 820 000	1976
1977	473 AT 04:24 EST ON MAR 18	467 ON MAR 15	2.72 ON JUL 25	1 120 000	1977
1978	527 AT 22:09 EST ON APR 14	487 ON APR 14	2.97 ON JUL 14	1 320 000	1978
1979	423 AT 20:28 EST ON MAR 25	403 ON MAR 25	2.78 ON JUL 25	1 270 000	1979
1980	4218 AT 18:00 EST ON MAR 22	3858 ON MAR 22	3.05 ON JUN 13	1 370 000	1980
1981	466 AT 15:45 EST ON FEB 24	435 ON FEB 24	1.78 ON APR 28 *	1 820 000	1981
1982	435 AT 20:25 EST ON APR 1	397 ON APR 1	4.58 ON AUG 20	1 380 000	1982
1983	246 AT 13:18 EST ON MAY 4	224 ON MAR 20	3.41 ON JUL 25	1 570 000	1983
1984	398 AT 21:58 EST ON APR 6	385 ON APR 6	4.46 ON JUL 25	1 380 000	1984
				1 220 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

RIDEAU RIVER BELOW MANOTICK - STATION NO. 02LA012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	---	---	---	---	---	---	12.0	24.4	34.2	51.8	---	1980
1981	18.0	110	67.2	24.5	23.9	41.8	14.8	23.5	92.4	75.7	77.2	32.3	49.5	1981
1982	23.4	20.0	55.0	145	17.3	27.5	9.74	9.84	13.0	20.3	32.5	68.3	36.6	1982
1983	45.7	28.8	81.7	104	81.5	13.2	6.09	9.13	5.52	11.5	58.7	79.3	41.7	1983
1984	27.8	87.3	84.0	155	48.8	14.5	5.81	8.63	6.80	7.76	9.39	9.10	35.1	1984
MEAN	28.7	56.5	62.0	107	42.8	24.3	9.11	12.0	25.8	27.9	42.0	49.8	40.7	MEAN

LOCATION - LAT 45 14 54 N DRAINAGE AREA, 3 130 km^2
LONG 75 42 17 W REGULATED

RIDEAU RIVER BELOW MANOTICK - STATION NO. 02LA012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	---	---	---	---	1980
1981	312 AT 23:35 EST ON FEB 22 *	298 ON FEB 24 *	8.08B ON JAN 23	1 580 000	1981
1982	303 AT 21:58 EST ON APR 1	295 ON APR 2	5.80 ON AUG 19	1 180 000	1982
1983	200 AT 15:25 EST ON MAY 8	163 ON MAY 5	4.89 ON SEP 15	1 310 000	1983
1984	247 AT 02:43 EST ON APR 7	243 ON APR 7	4.37 ON DEC 8 *	1 110 000	1984
				1 280 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

RIDEAU RIVER BELOW MERRICKVILLE - STATION NO. 02LA011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1979	---	---	---	---	---	---	---	---	---	---	---	10.7 R	---	1979
1980	30.4	10.9	35.7	83.5	37.7	8.73	7.81	8.54	11.1	18.1	18.8	36.8	24.0	1980
1981	12.3	52.1	42.4	11.8	9.66	26.8	10.2	13.6	58.8	50.0	49.2	21.6	29.6	1981
1982	17.7	18.8	31.8	85.5	12.9	22.1	9.20	8.47	11.6	17.7	17.4	39.0	22.6	1982
1983	31.0	17.4	24.9	86.9	52.7	10.4	5.62	6.59	8.52	10.9	31.6	49.4	25.4	1983
1984	19.4	38.1	43.0	84.4	34.9	11.2	6.01	7.75	6.96	7.38	7.82	6.80	22.7	1984
MEAN	22.2	27.5	35.8	56.4	29.6	15.8	7.73	8.99	19.0	20.8	24.9	27.6 R	24.9	MEAN

LOCATION - LAT 44 57 05 N LONG 75 49 05 W
DRAINAGE AREA, 1 920 km²
REGULATED

R - REVISED SINCE JAN 1980

RIDEAU RIVER BELOW MERRICKVILLE - STATION NO. 02LA011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1979	---	---	---	---	1979
1980	125 AT 00:37 EST ON MAR 23	119 ON MAR 23	5.27 ON JUN 12	761 000	1980
1981	134 AT 22:42 EST ON FEB 21 *	129 ON FEB 22 *	5.28 ON MAR 26	934 000	1981
1982	118 AT 23:01 EST ON APR 1	114 ON APR 2	6.96 ON JUL 13	715 000	1982
1983	119 AT 14:25 EST ON MAY 6	110 ON MAY 5	4.50 ON JUL 25	800 000	1983
1984	128 AT 21:23 EST ON APR 7	123 ON APR 8	3.70 ON DEC 7 *	716 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		785 000	MEAN

RIVIERE BEAUDETTE NEAR GLEN NEVIS - STATION NO. 02MC026

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	0.045R	2.20 R	4.48R	---	1983
1984	0.901	3.30	2.77	8.01	2.58	0.680	0.195	0.236	0.161	0.187	0.622	1.58	1.75	1984
MEAN	0.901	3.30	2.77	8.01	2.58	0.680	0.195	0.236	0.161	0.116R	1.41 R	3.03R	1.75	MEAN

LOCATION - LAT 45 16 27 N LONG 74 28 37 W
DRAINAGE AREA, 124 km²
NATURAL FLOW

R - REVISED SINCE JAN 1980

RIVIERE BEAUDETTE NEAR GLEN NEVIS - STATION NO. 02MC026

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	17.5 AT 00:13 EST ON APR 8 *	17.0 ON APR 7 *	0.015A ON AUG 9 *	55 500	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		55 500	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

ROCHESTER CREEK ABOVE QUIRKE LAKE - STATION NO. 02CD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	0.567	3.08	4.81	2.20	---	1977
1978	0.821	0.454	0.483	2.41	5.28	0.862	0.400	0.288	1.63	3.89	1.24	0.899	1.58	1978
1979	0.583	0.483	3.40	9.12	4.68	1.17	1.72	0.555	0.887	2.47	4.69	2.62	2.68	1979
1980	1.76	0.808	0.474	5.19	2.94	0.728	0.315	0.159	0.278	0.811	0.858	0.558	1.24	1980
1981	0.363	0.554	1.34	8.77	1.24	2.05	0.992	0.111	0.098	0.482	0.633	0.714	1.28	1981
1982	0.533	0.393	0.707	5.12	5.22	0.632	0.180	0.080	1.60	3.82	2.95	2.79	2.00	1982
1983	2.11	0.773	1.83	5.26	3.24	2.72	0.184	0.017	0.013	2.08	1.52	1.30	1.75	1983
1984	0.608	0.785	0.871	4.46	1.83	0.933	0.628	0.134	0.812	1.23	3.72	3.00	1.57	1984
MEAN	0.985	0.607	1.31	5.46	3.46	1.29	0.629	0.194	0.710	2.23	2.84	1.78	1.73	MEAN

LOCATION - LAT 48 30 00 N LONG 82 31 18 W
DRAINAGE AREA, 99.5 km²
NATURAL FLOW

ROCHESTER CREEK ABOVE QUIRKE LAKE - STATION NO. 02CD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	10.0 AT 20:12 EST ON MAY 15	9.34 ON MAY 15	0.184 ON AUG 22	49 200	1978
1979	---	18.3 E ON APR 28 *	0.381 ON OCT 10	84 300	1979
1980	9.29 AT 23:04 EST ON APR 10	8.09 ON APR 11	0.111 ON AUG 20	38 200	1980
1981	14.0 AT 10:01 EST ON APR 8	13.5 ON APR 8	0.057 ON AUG 24	40 700	1981
1982	12.1 AT 13:40 EST ON APR 27	11.8 ON APR 27	0.045 ON AUG 22	83 200	1982
1983	14.2 AT 22:23 EST ON APR 17 *	13.2 ON APR 17	0 ON SEP 7 *	55 300	1983
1984	8.48 AT 22:47 EST ON NOV 2	8.45 ON NOV 3	0.076 ON AUG 26	49 700	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		54 500	MEAN

E - ESTIMATED

ROCKY SAUGEEN RIVER NEAR MARKDALE - STATION NO. 02FC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	0.678	0.581	0.741	1.03	1.37	---	1920
1921	1.88	1.32	3.90	2.33	1.50	1.11	0.855	0.847	0.534	0.569	0.528	0.880	1.31	1921
1922	0.622	0.519	2.09	3.34	1.58	1.04	0.809	0.523	0.447	0.419	0.415	0.357	1.01	1922
1923	0.311	0.425	0.527	2.56	2.14	1.25	0.750	0.591	0.589	0.453	0.530	0.894	0.918	1923
1924	1.01	0.908	2.07	4.45	3.10	---	---	---	---	---	---	---	---	1924
MEAN	0.906	0.783	2.15	3.17	2.08	1.13	0.805	0.610	0.538	0.545	0.526	0.825	1.08	MEAN

LOCATION - LAT 44 19 34 N DRAINAGE AREA, 108 km^2
LONG 80 39 42 W NATURAL FLOW

ROCKY SAUGEEN RIVER NEAR MARKDALE - STATION NO. 02FC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	8.72 ON MAR 21 *	0.425 ON NOV 1	41 200	1921
1922	---	5.30 ON APR 12	0.311 ON DEC 12	32 000	1922
1923	---	4.56 ON MAY 18	0.255 ON MAR 2 *	29 000	1923
1924	---	8.04 ON APR 8	---	---	1924
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		34 100	MEAN

ROCKY SAUGEEN RIVER NEAR TRAVERSTON - STATION NO. 02FC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	1.72	1.63	1.97	2.08	2.18	2.72	---	1915
1916	5.80	6.38	3.37	9.73	5.61	4.59	2.48	1.76	1.64	1.68	1.97	3.51	4.03	1916
1917	2.40	1.98	3.78	9.44	4.98	4.45	8.18	2.47	1.90	2.25	1.91	2.01	3.85	1917
1918	1.53	2.71	6.94	7.95	3.98	2.81	1.85	1.64	1.95	1.81	2.44	3.43	3.25	1918
1919	3.35	2.94	7.20	6.60	5.41	3.03	2.13	1.63	1.85	1.87	2.52	3.02	3.47	1919
1920	2.03	2.01	7.15	7.67	4.58	3.12	3.00	2.11	1.78	2.11	3.30	3.83	3.57	1920
1921	3.87	3.73	10.3	6.78	4.26	3.10	2.30	1.88	1.50	1.68	1.50	2.12	3.59	1921
1922	1.92	1.84	5.70	8.88	3.94	2.50	2.38	1.61	1.50	1.40	1.43	1.33	2.88	1922
1923	1.20	1.20	1.81	7.73	5.15	3.35	2.37	1.85	1.90	1.62	1.94	2.71	2.82	1923
1924	2.40	1.89	3.07	9.31	6.88	3.88	2.92	2.13	1.77	1.83	1.49	1.83	3.25	1924
1925	1.58	3.22	6.67	8.20	3.14	2.78	1.97	1.55	1.58	1.78	4.08	3.82	3.17	1925
1926	2.87	2.35	2.48	8.08	7.73	3.78	2.24	2.28	1.95	2.18	4.14	3.99	3.87	1926
1927	2.75	2.88	8.53	4.50	4.01	2.88	2.39	1.81	1.78	1.78	2.03	2.84	3.01	1927
1928	2.84	2.57	4.40	12.2	5.19	3.40	3.85	4.19	3.23	4.10	7.02	6.92	4.98	1928
1929	6.16	4.47	10.8	15.6	9.40	4.84	4.08	2.42	1.81	1.97	2.38	1.78	5.47	1929
1930	4.84	5.83	7.37	8.83	5.61	3.85	3.01	1.86	1.81	1.80	1.83	2.04	4.12	1930
1931	1.70	1.64	1.88	4.67	3.53	2.61	2.33	2.33	1.91	2.38	3.21	4.38	2.73	1931
1932	6.47	8.78	8.02	10.9	5.77	3.34	3.42	2.89	3.08	2.90	4.86	6.45	5.27	1932
1933	5.87	4.47	4.08	9.75	5.82	3.31	2.50	1.85	1.82	1.55	2.07	3.54	3.87	1933
1934	3.43	1.98	3.99	8.89	4.05	2.89	1.83	1.58	1.64	1.87	1.79	1.60	2.92	1934
1935	1.88	1.84	5.58	3.65	2.73	2.75	2.17	1.84	1.61	1.91	2.41	1.85	2.51	1935
1936	1.83	1.41	4.14	8.31	5.21	3.52	1.86	1.71	1.58	1.78	1.84	2.34	2.81	1936
1937	4.47	8.10	4.14	5.53	3.58	2.40	2.14	1.77	1.47	1.77	1.80	1.47	3.03	1937
1938	1.63	4.55	8.10	6.00	3.75	3.01	2.04	1.89	1.98	1.67	1.32	1.63	3.11	1938
1939	1.89	2.01	3.74	9.06	4.82	2.88	2.47	2.34	1.83	1.91	2.46	2.08	3.06	1939
1940	1.80	1.67	1.91	8.41	5.12	3.82	2.70	2.58	2.80	---	---	---	---	1940
MEAN	3.06	3.26	5.21	8.12	5.05	3.30	2.62	2.07	1.90	1.97	2.55	2.88	3.51	MEAN

LOCATION - LAT 44 15 44 N DRAINAGE AREA, 249 km^2 DATA CONTRIBUTED BY -
LONG 80 45 56 W NATURAL FLOW ONTARIO HYDRO

ROCKY SAUGEEN RIVER NEAR TRAVERSTON - STATION NO. 02FC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	14.7 ON APR 1	1.33 ON SEP 17	128 000	1916
1917	---	12.8 ON APR 3	1.53 ON AUG 28	115 000	1917
1918	---	15.4 ON APR 2	1.27 ON AUG 2	102 000	1918
1919	---	15.7 ON MAR 21	1.53 ON SEP 6	109 000	1919
1920	---	19.5 ON MAR 27	1.47 ON SEP 25	113 000	1920
1921	---	19.7 ON MAR 20	1.22 ON NOV 12	113 000	1921
1922	---	13.0 ON APR 12	0.878 ON DEC 28 *	90 700	1922
1923	---	14.3 ON APR 8	0.991 ON JAN 10	88 000	1923
1924	---	14.7 ON APR 8	1.27 ON NOV 12	103 000	1924
1925	---	12.9 ON MAR 27	1.25 ON SEP 4	100 000	1925
1926	---	21.2 ON APR 25	1.50 ON SEP 2	118 000	1926
1927	---	13.4 ON MAR 18	1.50 ON OCT 27	84 800	1927
1928	---	25.3 ON APR 8	2.10 ON MAR 6	158 000	1928
1929	---	37.7 E ON APR 5 *	1.76 ON AUG 22	173 000	1929
1930	---	18.5 B ON FEB 28	1.42 ON SEP 10	130 000	1930
1931	---	6.88 ON APR 11	1.42 ON SEP 7	85 100	1931
1932	---	22.4 ON FEB 12	2.52 ON JUN 16	157 000	1932
1933	---	15.4 ON APR 7	1.08 ON NOV 15	122 000	1933
1934	---	13.0 ON APR 8	1.08 ON AUG 29	91 800	1934
1935	---	14.4 ON MAR 17	1.08 ON AUG 30	79 000	1935
1936	---	10.5 ON MAR 27	0.934 ON OCT 28	89 000	1936
1937	---	15.1 B ON FEB 10	0.934 ON SEP 7	95 700	1937
1938	---	19.7 ON MAR 23	0.906 ON NOV 15	98 100	1938
1939	---	14.4 ON APR 22	1.22 ON OCT 5	96 800	1939
1940	---	16.2 ON APR 18	---	---	1940
				111 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROOT RIVER AT SAULT STE MARIE - STATION NO 02CA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	0.485	1.18	8.07	3.96	0.971	0.238	0.171	0.348	1.17	2.33	2.28	---	1971
1972	0.936	0.480	0.588	5.75	5.89	0.240	0.138	0.976	0.405	0.973	1.57	0.941	1.84	1972
1973	1.11	0.476	5.36	4.33	2.89	1.57	1.15	1.10	0.604	1.84	3.68	1.28	2.09	1973
1974	0.448	0.308	0.526	8.53	2.13	2.25	0.378	0.588	1.03	1.72	3.15	1.00	1.83	1974
1975	1.08	0.495	0.484	8.04	5.55	2.26	0.384	0.114	0.804	0.695	2.15	2.38	1.87	1975
1976	0.234	0.233	2.09	9.73	1.30	0.193	0.089	0.020	0.044	0.158	0.282	0.153	1.20	1976
1977	0.056	0.049	4.55	10.5	1.04	0.219	1.42	0.524	1.83	2.49	4.21	1.21	2.34	1977
1978	0.840	0.368	0.148	4.82	4.27	1.15	0.370	1.38	1.48	4.38	1.60	0.857	1.84	1978
1979	0.567	0.384	4.74	11.7	2.40	1.06	1.02	1.38	0.801	5.01	3.69	1.35	2.84	1979
1980	1.35	0.510	0.498	8.43	0.980	1.57	0.417	0.428	0.585	1.50	1.54	0.875	1.55	1980
1981	0.518	0.928	1.28	9.47	1.40	2.12	0.600	0.235	0.101	1.27	1.21	0.748	1.64	1981
1982	0.422	0.336	0.513	7.38	5.89	0.344	0.138	0.189	2.64	3.33	3.67	3.35	2.35	1982
1983	1.35	1.01	3.57	5.78	3.14	2.09	0.142	0.134	0.364	1.84	2.46	0.983	1.88	1983
1984	0.557	0.926	1.38	8.18	2.00	1.15	1.13	0.886	2.55	2.84	4.26	3.10	2.24	1984
MEAN	0.728	0.487	1.92	7.82	3.10	1.23	0.536	0.574	0.998	2.08	2.58	1.48	1.95	MEAN

LOCATION - LAT 46 33 48 N
LONG 84 18 55 W
DRAINAGE AREA, 108 km^2
NATURAL FLOW

ROOT RIVER AT SAULT STE MARIE - STATION NO 02CA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	24.2 AT 08:43 EST ON DEC 11	23.8 ON APR 20	0.031 ON SEP 5	---	1971
1972	28.0 AT 01:20 EST ON MAY 3	24.8 ON MAY 3	0.037 ON JUL 5	61 800	1972
1973	18.8 AT 02:08 EST ON NOV 22	16.28 ON MAR 12	0.079 ON JUL 28	65 800	1973
1974	20.3 AT 05:50 EST ON APR 22	19.3 ON APR 22	0.091 ON JUL 29	57 700	1974
1975	42.2 AT 12:07 EST ON MAY 1	35.7 ON MAY 1	0.042 ON SEP 3	58 800	1975
1976	---	30.8 ON APR 17	0.008 ON AUG 24 *	38 000	1976
1977	28.4 AT 23:15 EST ON APR 18	23.4 ON APR 18	0.0458 ON FEB 11	73 600	1977
1978	33.7 AT 18:34 EST ON OCT 3	18.9 ON OCT 4	0.102 ON AUG 15	58 000	1978
1979	58.7 AT 20:30 EST ON APR 25	42.2 ON APR 26 *	0.082 ON JUL 24	89 800	1979
1980	33.8 AT 08:53 EST ON APR 9	31.0 ON APR 8	0.085 ON SEP 12	48 800	1980
1981	40.8 AT 23:14 EST ON APR 4	31.8 ON APR 4	0.041 ON SEP 2	51 600	1981
1982	31.7 AT 07:00 EST ON APR 28	28.8 ON APR 28	0.019 ON JUL 10	74 200	1982
1983	58.7 AT 18:02 EST ON APR 14 *	27.7 ON APR 14	0.020 ON JUL 22	69 400	1983
1984	31.3 AT 07:20 EST ON SEP 13	30.3 ON SEP 13	0.104 ON JUN 23	70 800	1984
				61 400	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROSEBERRY RIVER ABOVE ROSEBERRY LAKES - STATION NO 04CA003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	...	...	...	...	...	...	...	...	...	0 790	0 881	0 829	...	1967
1968	0 776	0 692	0 586	2 60	11 3	19 3	10 4	10 9	8 08	10 6	5 71	2 75	6 99	1968
1969	1 67	1 22	0 793	3 97 R	8 508	10 8	15 6	19 5	28 4	19 9	6 40	3 49	10 1 R	1969
1970	1 79	1 07	0 734	0 980	16 0	5 53	5 97	1 71	4 43	7 13	8 66	2 82	4 77	1970
1971	1 52	0 948	0 751	11 1	18 4	3 15	3 66	1 83	0 386	2 77	3 54	1 88	4 18	1971
1972	1 31	0 949	0 786	2 48	25 1	5 23	0 980	0 752	1 14	5 94	3 30	1 74	4 17	1972
1973	1 23	0 878	0 881	5 60	19 7	6 95	11 5	2 16	4 07	8 08	5 56	3 12	5 68	1973
1974	1 46	1 14	0 927	1 67	15 5	19 5	3 78	20 1	15 6	8 83	8 15	2 74	8 16	1974
1975	1 80	1 26	0 996	2 59	21 1	16 7	5 05	21 0	8 39	4 27	3 47	2 12	7 27	1975
1976	1 36	1 12	0 937	5 11	12 8	5 38	1 67	0 505	0 823	0 223	0 446	0 567	2 57	1976
1977	0 633	0 653	0 662	7 58	9 36	1 28	3 64	8 58	7 71	4 73	2 73	1 77	4 13	1977
1978	1 12	0 849	0 725	2 15	17 0	9 43	12 3	9 87	10 8	6 43	6 57	2 60	6 69	1978
1979	1 33	1 08	1 06	9 67	20 6	9 41	4 23	2 42	4 65	8 16	6 74	3 08	6 06	1979
1980	1 76	1 34	0 937	8 87	11 7	2 02	0 930	0 582	2 42	5 34	3 00	1 59	3 38	1980
1981	1 03	0 760	0 639	1 49	9 24	11 9	3 88	1 28	4 54	10 6	7 00	3 22	4 82	1981
1982	1 47	0 902	0 806	3 38	31 5	21 8	6 61	9 09	8 20	5 83	3 58	2 91	7 90	1982
1983	1 71	1 16	0 939	1 28	8 19	8 07	7 10	1 72	1 14	1 60	4 31	3 91	3 44	1983
1984	2 87	2 44	2 20	10 6	15 9	7 41	5 65	2 55	1 36	1 85	3 05	2 99	5 91	1984
MEAN	1 46	1 09	0 903	6 77 R	16 2 R	9 52	6 05	5 74	6 47	6 06	4 80	2 46	5 59	MEAN

LOCATION LAT 52 39 20 N LONG 92 32 15 W DRAINAGE AREA 619 km² NATURAL FLOW

R - REVISED SINCE JAN 1980

ROSEBERRY RIVER ABOVE ROSEBERRY LAKES STATION NO 04CA003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1967	...	...	...	...	1967
1968	...	30 0A ON JUN 14	0 532A ON MAR 29	221 000	1968
1969	...	55 2 ON SEP 24 *	0 555E ON MAR 31	318 000R	1969
1970	25 4 AT 14 00 CST ON MAY 8	25 2 ON MAY 9	0 521 ON MAR 28	150 000	1970
1971	36 2 AT 17 49 CST ON APR 25	35 4 ON APR 25	0 173 ON SEP 3	132 000	1971
1972	45 8 AT 16 32 CST ON MAY 4 *	68 1 ON MAY 4	0 351 ON AUG 3	132 000	1972
1973	30 3 AT 15 48 CST ON MAY 10	30 3 ON MAY 10	0 782 ON MAR 26	179 000	1973
1974	39 9 AT 00 55 CST ON JUN 10	39 6 ON JUN 10	0 674 ON JUL 25	257 000	1974
1975	32 3 AT 17 55 CST ON AUG 6	31 7 ON AUG 6	0 613 ON APR 10	229 000	1975
1976	18 9 AT 11 01 CST ON MAY 3	18 6 ON MAY 3	0 116 ON OCT 6 *	81 400	1976
1977	24 1 AT 02 00 EST ON APR 28	23 6 ON APR 27	0 405 ON JUL 8	130 000	1977
1978	29 2 AT 19 20 EST ON MAY 7	27 7 ON MAY 7	0 648 ON MAR 15	211 000	1978
1979	31 9 AT 20 36 EST ON MAY 21	31 5 ON MAY 21	0 674 ON APR 9	191 000	1979
1980	29 3 AT 16 09 EST ON APR 28	29 1 ON APR 28	0 476 ON AUG 26	107 000	1980
1981	19 5 AT 11 21 EST ON JUN 23	19 4 ON JUN 23	0 540 ON SEP 5	146 000	1981
1982	...	44 0E ON MAY 6	0 756 ON MAR 27	249 000	1982
1983	...	13 0E ON JUL 7	0 725E ON APR 16	109 000	1983
1984	...	22 6E ON MAY 3	1 04 ON SEP 8	155 000	1984
				176 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

ROSSEAU RIVER AT HIGHWAY NO 141 - STATION NO 02EB103

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1969	...	...	...	...	4 72	0 970	0 328	0 069	0 228	1 37	8 38	1 44	...	1969
1970	...	...	...	11 7	2 32	0 528	4 30	1 55	0 744	3 17	3 33	3 11	...	1970
1971	...	...	...	19 1	3 93	0 436	0 118	0 108	0 129	0 159	0 869	4 18	...	1971
1972	...	...	...	15 6	4 30	1 32	0 409	0 977	0 404	2 58	2 56	1 56	...	1972
1973	...	...	...	9 51	3 29	1 80	0 483	2 21	0 234	2 04	4 43	2 47	...	1973
1974	...	...	...	16 3	3 91	0 724	0 225	0 420	0 869	3 99	5 31	1 18	...	1974
1975	...	...	...	15 2	4 27	0 438	0 146	0 107	0 455	0 885	1 52	5 09	...	1975
1976	...	...	...	...	...	...	0 442	0 114	0 060	0 220	1 54	...	...	1976
1977	...	...	...	6 96	0 745	0 249	0 816	...	2 95	4 74	6 43	...	...	1977
MEAN	...	...	...	13 5	3 42	0 821	0 785	0 695	0 688	2 17	3 82	2 72	...	MEAN

LOCATION - LAT 45 14 20 N LONG 79 35 01 W DRAINAGE AREA 130 km² NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

ROSSEAU RIVER AT HIGHWAY NO 141 - STATION NO 02EB103

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1969	...	...	...	...	1969
1970	...	35 4E ON APR 23	...	...	1970
1971	...	49 8E ON APR 20	...	...	1971
1972	...	43 9E ON APR 19	...	...	1972
1973	...	40 2 ON APR 3	0 057 ON JUL 24	...	1973
1974	...	55 2 ON APR 15 *	0 085 ON JUL 22	...	1974
1975	...	50 1 ON APR 25	0 028 ON AUG 20	...	1975
1976	...	...	0 020 ON SEP 8 *	...	1976
1977	...	21 6 ON APR 5	...	...	1977
				...	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

ROUGE RIVER AT ROUGE HILL - STATION NO. 02HC015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	4.29	3.53	1.71	2.40	0.670	0.311	0.944	0.812	0.852	2.07	---	1957
1958	0.424	0.505	3.15	0.628	0.378	0.241	0.244	0.197	0.428	0.474	0.696	0.396	0.696	1958
1959	0.655	0.715	3.12	8.20	1.47	0.303	0.273	0.256	0.277	0.565	0.675	0.869	1.46	1959
1960	0.502	1.02	1.11	12.7	5.47	0.950	0.405	0.423	0.309	0.426	0.752	0.447	2.11	1960
1961	0.307	1.24	3.00	3.23	1.38	0.956	0.514	0.307	0.357	0.316	0.513	0.757	1.07	1961
1962	0.841	0.763	3.44	0.638	0.275	0.208	0.186	0.158	0.386	---	---	---	---	1962
1964	---	---	---	1.26	---	---	---	---	---	---	---	---	---	1964
MEAN	0.528	0.927	3.02	4.34	1.85	0.844	0.382	0.276	0.484	0.523	0.738	0.912	1.33	MEAN

LOCATION - LAT 43 48 50 N DRAINAGE AREA, 223 km²
LONG 79 09 26 W NATURAL FLOW

ROUGE RIVER AT ROUGE HILL - STATION NO. 02HC015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1957	---	---	---	---	1957
1958	---	8.358 ON MAR 1	0.085 ON AUG 19 *	22 000	1958
1959	---	49.6 ON APR 1	0.105 ON AUG 8	46 100	1959
1960	84.9R ON MAY 9 *	60.9 ON APR 4 *	0.2278 ON FEB 24	65 800	1960
1961	---	17.4 ON MAR 28	0.1708 ON JAN 21	33 700	1961
1962	---	6.68 ON MAR 28	---	---	1962
1964	---	---	---	---	1964
				42 200	MEAN

R - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

ROUGE RIVER AT SCARBOROUGH - STATION NO. 02HC103

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	3.25	0.944	0.738	0.348	---	0.639	1.39	---	---	1974
1976	---	---	---	---	---	---	---	2.46	1.09	0.849	1.09	---	---	1976
MEAN	---	---	---	---	3.25	0.944	0.736	1.40	1.09	0.744	1.24	---	---	MEAN

LOCATION - LAT 43 46 40 N DRAINAGE AREA, 216 km²
LONG 79 09 35 W NATURAL FLOW

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

ROUGE RIVER NEAR MARKHAM - STATION NO. 02HC022

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	---	---	---	---	---	0.388	0.434	---	1961
1962	0.292	0.404	2.31	1.24	0.280	0.211	0.180	0.114	0.219	0.486	0.990	0.841	0.632	1962
1963	0.469	0.381	2.87	1.35	1.59	0.217	0.180	0.280	0.345	0.255	0.374	0.309	0.721	1963
1964	1.21	0.425	1.89	1.80	0.584	0.272	0.442	0.578	0.219	0.304	0.369	0.859	0.732	1964
1965	0.814	2.88	2.51	3.33	0.547	0.140	0.235	0.134	0.226	0.974	1.81	1.85	1.25	1965
1966	0.822	1.35	3.48	1.46	0.852	0.378	0.111	0.165	0.262	0.224	1.06	1.67	0.994	1966
1967	0.811	0.650	3.69	2.95	0.807	1.41	1.72	1.22	0.619	1.81	2.42	2.28	1.71	1967
1968	1.27	2.99	5.80	1.54	1.21	0.567	0.291	0.347	0.375	0.227	1.11	1.07	1.40	1968
1969	1.21	1.35	3.96	3.73	1.74	0.435	0.245	0.265	0.185	0.476	0.850	0.510	1.24	1969
1970	0.394	0.381	2.98	3.42	1.11	0.282	0.434	0.245	0.537	0.492	0.901	0.973	1.01	1970
1971	0.598	0.834	3.26	5.47	0.478	0.310	0.811	0.758	0.403	0.801	0.663	1.81	1.35	1971
1972	0.905	0.498	1.76	9.94	0.625	0.677	0.746	0.625	0.880	1.00	1.54	2.04	1.76	1972
1973	1.57	1.25	5.96	3.73	1.24	0.472	0.453	0.226	0.321	0.658	1.34	0.853	1.52	1973
1974	2.15	1.25	3.69	3.46	2.38	0.731	0.507	0.415	0.381	0.485	0.858	0.693	1.42	1974
1975	1.17	3.28	2.98	3.65	1.04	0.461	0.222	0.374	0.533	0.241	0.807	0.738	1.25	1975
1976	0.487	3.09	4.70	1.91	1.93	0.507	1.54	1.90	0.887	1.05	0.860	0.582	1.80	1976
1977	0.256	0.454	5.46	1.92	0.892	0.385	0.630	0.660	1.58	2.27	2.85	4.06	1.79	1977
1978	2.61	1.02	3.92	7.53	2.57	0.580	0.392	0.551	0.788	0.780	0.832	0.780	1.86	1978
1979	1.80	0.739	7.74	3.81	1.34	0.601	0.533	0.481	0.490	1.37	2.16	3.88	2.06	1979
1980	1.76	0.452	4.58	4.93	0.868	0.526	1.33	0.490	0.633	1.12	0.881	1.79	1.84	1980
1981	0.245	5.04	1.07	1.03	1.21	0.714	0.525	0.889	2.19	2.63	2.00	1.11	1.54	1981
1982	1.02	0.433	8.62	4.10	0.624	2.26	0.905	0.740	1.11	1.25	3.13	3.54	2.15	1982
1983	1.43	2.38	2.78	3.43	2.86	0.501	0.296	0.418	0.462	0.601	2.00	1.83	1.61	1983
1984	0.472	5.88	4.37	2.83	1.88	0.824	0.502	0.805	1.17	0.577	1.71	1.76	1.89	1984
MEAN	1.01	1.63	3.85	3.41	1.25	0.581	0.575	0.647	0.627	0.874	1.35	1.51	1.44	MEAN

LOCATION - LAT 43 51 30 N DRAINAGE AREA, 188 km²
LONG 79 13 55 W REGULATED SINCE 1988

ROUGE RIVER NEAR MARKHAM - STATION NO. 02HC022

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	9.468 AT 22:00 EST ON MAR 19	6.46 ON MAR 25	0.082 ON SEP 2	19 900	1962
1963	15.6 AT 04:30 EST ON APR 26	13.8 ON MAR 25	0.082 ON JUL 3	22 800	1963
1964	10.7 AT 05:00 EST ON JAN 28	9.37 ON JAN 28	0.093 ON JUN 19	23 100	1964
1965	45.9 E AT 20:30 EST ON FEB 10	27.2 E ON FEB 10	0.079 ON AUG 25	39 400	1965
1966	20.4 AT 13:30 EST ON MAR 1	14.3 ON MAR 1	0.074 ON JUL 5	31 400	1966
1967	32.6 AT 08:00 EST ON DEC 22	19.1 ON DEC 22	0.173 ON SEP 17	54 100	1967
1968	53.2 AT 12:20 EST ON FEB 2	26.8 ON FEB 2	0.074 ON JUL 23	44 100	1968
1969	36.8 AT 21:59 EST ON APR 18	22.2 ON APR 18	0.082 ON AUG 13	39 200	1969
1970	18.2 AT 01:19 EST ON APR 4	12.5 ON APR 3	0.093 ON AUG 9	32 000	1970
1971	40.2 AT 11:47 EST ON APR 2	34.8 ON APR 2	0.082 ON JUL 3	42 500	1971
1972	48.4 AT 22:53 EST ON APR 11	39.1 ON APR 13	0.071 ON AUG 1	55 400	1972
1973	40.2 AT 00:50 EST ON MAR 12	18.9 ON APR 3	0.051 ON AUG 11 *	47 900	1973
1974	45.3 AT 12:37 EST ON MAR 5	37.7 ON MAR 5	0.074 ON JUL 17	44 800	1974
1975	60.9 AT 19:53 EST ON FEB 24	29.2 ON FEB 24	0.059 ON JUL 2	39 500	1975
1976	---	18.7 E ON MAR 21	0.088 ON JUN 8	50 600	1976
1977	46.4 AT 14:01 EST ON MAR 13	28.4 ON MAR 13	0.139 ON MAY 19	56 400	1977
1978	45.6 AT 22:15 EST ON APR 1	33.1 ON APR 1	0.252 ON JUL 19	58 700	1978
1979	48.1 AT 15:09 EST ON DEC 25	36.2 ON DEC 25	0.207 ON JUN 19	64 900	1979
1980	72.1 AT 19:03 EST ON MAR 21	41.9 ON MAR 21	0.153 ON JUL 14	51 800	1980
1981	45.1 AT 00:30 EST ON FEB 21	29.4 ON FEB 20	0.155 ON MAR 29	48 400	1981
1982	44.5 AT 01:46 EST ON APR 1	27.0 ON MAR 31	0.232 ON MAY 29	57 900	1982
1983	20.4 AT 20:05 EST ON MAR 19	12.6 B ON FEB 3	0.178 ON AUG 21	50 700	1983
1984	74.5 AT 10:35 EST ON FEB 14 *	47.0 B ON FEB 14 *	0.183 ON AUG 2	59 600	1984
				45 400	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

RUSCOM RIVER NEAR RUSCOM STATION - STATION NO. 02GH002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	---	---	0.030	0.034	0.043	0.371	---	1971
1972	0.399	0.205	2.24	2.10	0.478	0.086	0.118	0.062	0.054	0.127	2.20	2.65	0.884	1972
1973	1.15	0.709	4.41	1.01	0.395	0.841	0.372	0.655	0.035	0.076	0.639	1.89	1.03	1973
1974	3.02	1.54	4.10	1.43	1.13	0.096	0.032	0.010	0.014	0.038	0.111	0.897	1.02	1974
1975	3.75	2.92	1.63	0.481	0.248	0.787	0.021	0.625	0.883	0.090	0.123	1.34	1.07	1975
1976	0.707	5.95	3.61	0.738	0.518	0.320	0.783	0.010	0.037	0.087	0.045	0.029	1.05	1976
1977	0.008	0.234	3.94	3.89	0.619	0.429	0.193	0.097	3.77	1.10	0.408	4.34	1.59	1977
1978	0.379	0.136	5.74	3.03	0.580	0.277	0.034	0.005	0.008	0.046	0.098	0.204	0.885	1978
1979	0.304	0.219	2.00	4.82	1.26	0.185	0.152	0.018	0.057	0.088	0.511	1.59	0.969	1979
1980	0.678	0.209	3.43	1.96	0.469	2.07	1.51	0.961	0.527	0.158	0.078	0.493	1.08	1980
1981	0.076	4.26	0.620	1.98	1.26	1.35	1.03	0.057	0.738	4.65	0.373	0.385	1.38	1981
1982	1.39	0.543	7.97	1.78	0.207	0.205	0.049	0.018	0.035	0.037	2.04	3.68	1.51	1982
1983	0.336	0.814	0.524	2.55	2.68	1.68	2.27	0.736	0.125	0.407	3.08	3.35	1.55	1983
1984	0.072	2.13	3.87	0.930	1.19	0.343	0.021	0.017	0.187	0.098	0.273	1.02	0.840	1984
MEAN	0.944	1.53	3.39	2.05	0.847	0.685	0.507	0.252	0.491	0.503	0.716	1.80	1.14	MEAN

LOCATION - LAT 42 13 54 N
LONG 82 37 00 W
DRAINAGE AREA, 125 km^2
NATURAL FLOW

RUSCOM RIVER NEAR RUSCOM STATION - STATION NO. 02GH002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	27.1 AT 18:51 EST ON APR 16	18.7 ON DEC 13	0.007 ON AUG 6	26 000	1972
1973	32.0 AT 15:24 EST ON MAR 11	20.5 ON MAR 11	0.018 ON SEP 13	32 500	1973
1974	45.0 AT 05:54 EST ON MAR 5	24.6 ON MAR 5	0 ON AUG 26 *	32 200	1974
1975	48.1 AT 00:06 EST ON JAN 11	26.4 ON FEB 24	0 ON JUL 31	33 700	1975
1976	---	37.98 ON FEB 17	0 ON SEP 7	33 200	1976
1977	84.0 AT 17:03 EST ON SEP 26	60.3 ON SEP 26	0.0038 ON JAN 18	50 100	1977
1978	102 AT 14:00 EST ON MAR 21 *	57.2 ON MAR 21	0 ON SEP 1	27 800	1978
1979	58.7 AT 08:41 EST ON APR 14	44.7 ON APR 14	0.003 ON SEP 11	30 600	1979
1980	50.3 AT 15:55 EST ON JUL 28	25.1 ON JUL 28	0.021 ON JUL 21	34 200	1980
1981	75.8 AT 13:05 EST ON OCT 1	64.2 ON OCT 1 *	0.017 ON AUG 25	43 500	1981
1982	80.1B AT 20:58 EST ON MAR 13	52.0B ON MAR 14	0 ON AUG 18	47 500	1982
1983	51.4 AT 08:45 EST ON MAY 2	34.8 ON MAY 2	0.024 ON SEP 14	46 800	1983
1984	48.1 AT 15:25 EST ON MAR 21	37.7 ON MAR 21	0 ON AUG 17	26 800	1984
				36 100	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SACHIGO RIVER BELOW BEAVERSTONE RIVER - STATION NO. 04CD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	170	142	86.8	---	1966
1967	45.0	29.0	22.2	20.1	346	588	196	107	83.1	57.9	53.9	36.6	129	1967
1968	28.2	23.8	20.6	43.4	137	109	155	161	353	311	157	89.9	133	1968
1969	61.8	46.9	37.5	85.3	190	131	95.7	109	220	284	144	87.4	125	1969
1970	57.0	42.0	33.7	32.3	356	383	275	183	148	331	257	132	185	1970
1971	83.1	59.4	44.8	66.3	417	210	207	213	109	110	90.0	61.2	140	1971
1972	43.0	31.2	23.2	20.4	703	245	107	86.5	110	158	85.3	59.5	139	1972
1973	44.7	36.2	33.1	33.2	402	240	211	103	131	322	203	117	157	1973
1974	74.6	54.3	41.8	39.1	230	456	184	121	165	176	108	70.1	143	1974
1975	50.2	38.7	30.6	38.1	474	317	247	379	251	305	113	56.8	193	1975
1976	41.7	40.0	27.1	25.6	182	217	182	152	178	110	68.6	36.5	105	1976
1977	25.8	20.1	16.1	44.3	131	70.4	83.9	199	262	---	---	---	---	1977
MEAN	50.6	38.3	30.0	40.6	326	268	177	163	181	212	128	75.8	145	MEAN

LOCATION - LAT 54 59 25 N DRAINAGE AREA, 21 100 km²
LONG 89 20 40 W NATURAL FLOW

SACHIGO RIVER BELOW BEAVERSTONE RIVER - STATION NO. 04CD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1966	---	---	---	---	1966
1967	---	1 170E ON MAY 30	19.8B ON APR 10	4 070 000	1967
1968	---	538 ON SEP 5	19.8B ON MAR 25	4 190 000	1968
1969	348 AT 21:00 EST ON OCT 10	345 ON OCT 9	32.8B ON APR 4	3 940 000	1969
1970	---	765B ON MAY 18	30.0B ON APR 7	5 840 000	1970
1971	---	600 ON MAY 7	35.1B ON APR 15	4 420 000	1971
1972	---	1 190E ON MAY 11 *	18.3B ON APR 13 *	4 380 000	1972
1973	---	859B ON MAY 13	32.0B ON APR 4	4 960 000	1973
1974	569 AT 23:07 EST ON JUN 13	564 ON JUN 14	37.7B ON APR 7	4 520 000	1974
1975	595 AT 15:23 EST ON AUG 5 *	592 ON AUG 5	23.8B ON APR 20	5 090 000	1975
1976	---	408B ON MAY 18	23.3B ON APR 10	3 320 000	1976
1977	---	374 ON AUG 27	---	---	1977
				4 570 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SACHIGO RIVER BELOW OUTLET OF SACHIGO LAKE - STATION NO. 04CD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	113	72.0	54.1	87.8	69.8	50.8	---	1970
1971	38.5	28.7	23.7	23.0	74.1	87.6	89.1	56.0	37.7	31.2	35.9	34.4	43.5	1971
1972	29.7	24.1	18.5	14.8	54.9	58.8	38.8	30.9	25.2	28.6	29.0	23.8	31.5	1972
1973	19.1	15.7	13.8	12.5	80.1	86.8	73.0	51.5	38.5	42.1	46.5	43.0	42.1	1973
1974	34.8	26.9	20.6	15.3	29.9	75.4	80.1	70.3	63.9	58.7	45.4	35.8	44.7	1974
1975	28.9	23.9	18.4	13.8	52.1	101	89.5	83.8	89.2	68.7	44.6	34.8	49.8	1975
1976	26.6	20.5	15.6	14.4	31.6	41.1	35.1	31.1	26.8	20.8	16.3	13.9	24.6	1976
1977	12.1	10.5	9.11	---	---	---	---	---	---	---	---	---	---	1977
1978	21.4	16.7	13.1	11.7	24.0	30.1	28.2	27.9	31.1	39.3	41.8	30.8	26.4	1978
1979	27.7	21.0	16.5	16.7	38.8	52.9	40.4	34.6	38.3	43.1	45.2	38.5	34.5	1979
1980	28.5	23.1	18.2	16.2	35.2	31.4	27.1	24.9	27.2	41.8	41.9	32.7	29.1	1980
1981	25.5	19.7	16.4	13.9	23.6	45.3	57.8	45.8	37.2	47.3	50.8	39.1	35.3	1981
1982	29.0	22.0	17.2	17.7	45.8	71.2	75.9	55.7	58.0	49.7	42.8	36.3	44.3	1982
1983	29.0	22.7	18.5	18.7	43.4	93.5	112	61.0	40.2	35.0	37.4	34.9	45.5	1983
1984	28.7	23.2	17.9	18.1	43.7	49.1	45.3	36.3	31.7	28.6	27.8	27.7	31.8	1984
MEAN	27.2	21.3	17.0	15.8	42.9	61.9	60.4	49.6	41.1	42.1	41.1	34.0	37.2	MEAN

LOCATION - LAT 53 59 40 N DRAINAGE AREA, 4 270 km²
LONG 92 08 50 W NATURAL FLOW

SACHIGO RIVER BELOW OUTLET OF SACHIGO LAKE - STATION NO. 04CD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	---	---	---	---	1970
1971	92.9 AT 12:54 CST ON MAY 26	91.5 ON MAY 23	19.8 ON APR 12	1 370 000	1971
1972	77.0 AT 17:55 CST ON MAY 30	73.9 ON MAY 30	13.0 ON APR 22	895 000	1972
1973	111 AT 21:27 CST ON JUN 4	110 ON JUN 4	11.8 ON APR 22	1 330 000	1973
1974	90.0 AT 18:13 CST ON JUN 25	89.8 ON JUN 25	12.9 ON APR 21	1 410 000	1974
1975	110 AT 02:40 CST ON JUN 8	108 ON JUN 8	12.2 ON APR 19	1 570 000	1975
1976	46.7 AT 18:55 CST ON JUN 20	46.7 ON JUN 20	12.0 ON APR 10	776 000	1976
1977	---	---	---	---	1977
1978	50.7 AT 05:15 EST ON NOV 5	50.1 ON NOV 7	11.2E ON APR 18 *	832 000	1978
1979	61.4 AT 21:55 EST ON JUN 5	59.1 ON JUN 5	14.5E ON APR 10	1 080 000	1979
1980	45.9 AT 03:59 EST ON OCT 23	45.6 ON OCT 22	12.9 ON APR 12	919 000	1980
1981	55.5 AT 19:30 EST ON JUN 30	54.6 ON JUL 2	13.1 ON APR 19	1 110 000	1981
1982	88.9 AT 18:02 EST ON JUN 25	87.2 ON JUN 25	15.8E ON APR 7	1 400 000	1982
1983	145 AT 13:02 EST ON JUL 4 *	143 ON JUL 4 *	16.2 ON APR 26	1 440 000	1983
1984	---	55.3E ON MAY 22	15.1 ON APR 3	1 010 000	1984
				1 170 000	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SALMON RIVER NEAR SHANNONVILLE - STATION NO. 02HM003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	---	0.181	0.280	0.335	2.04	4.10	---	1958
1959	3.73	3.88	15.0	50.8	14.2	1.32	0.702	0.171	0.229	2.19	8.48	14.8	9.58	1959
1960	4.41	7.26	4.48	55.3	21.0	4.89	1.28	0.390	0.143	0.137	0.418	0.377	8.18	1960
1961	0.270	2.95	11.1	24.0	20.6	8.88	2.82	1.02	0.606	0.315	0.628	2.71	6.41	1961
1962	1.58	1.40	14.0	26.8	3.72	0.523	0.591	0.424	0.409	0.836	7.21	9.59	5.80	1962
1963	5.25	3.76	15.9	28.7	14.1	7.98	2.00	0.807	0.292	0.282	1.24	8.37	7.38	1963
1964	9.23	8.15	16.4	23.4	13.5	3.84	0.918	0.254	0.214	0.317	0.808	2.22	6.57	1964
1965	4.44	13.5	17.9	36.7	14.4	2.11	0.874	0.307	0.780	6.38	21.1	23.7	11.8	1965
1966	11.3	5.43	25.8	16.1	8.88	4.54	0.840	0.242	0.181	0.251	7.01	26.0	8.78	1966
1967	11.1	10.5	11.6	33.1	12.9	4.73	3.02	0.986	0.347	5.12	20.5	15.4	10.7	1967
1968	8.55	12.1	22.1	21.6	8.36	8.39	4.69	1.22	4.62	4.14	9.80	15.6	10.1	1968
1969	8.35	12.7	21.1	38.5	31.8	13.4	3.71	2.08	0.485	0.388	4.79	9.75	12.2	1969
1970	4.56	5.90	12.7	34.3	18.1	6.19	3.21	1.00	0.381	1.08	11.1	14.8	9.44	1970
1971	8.48	8.18	15.9	52.2	20.0	3.71	0.967	0.266	0.220	0.835	0.665	9.85	10.1	1971
1972	10.8	7.52	9.24	49.9	25.4	10.5	7.87	5.08	1.36	5.91	17.3	19.0	14.1	1972
1973	21.7	17.8	43.2	32.0	13.6	5.76	0.983	0.281	0.125	0.158	2.98	8.43	12.2	1973
1974	15.7	12.7	26.9	42.9	27.4	8.28	2.24	0.385	0.154	0.179	2.15	11.3	12.5	1974
1975	9.30	9.42	28.9	39.6	21.0	3.76	0.568	0.164	0.129	0.391	0.848	8.78	9.89	1975
1976	5.58	17.3	46.8	41.8	9.58	3.74	1.21	0.335	0.200	0.593	1.54	3.22	10.9	1976
1977	2.55	2.59	38.5	23.4	7.16	1.76	0.302	0.244	0.413	2.85	6.77	19.1	8.64	1977
1978	20.3	14.9	15.7	53.7	17.9	2.44	0.308	0.128	0.197	0.128	1.46	7.20	11.1	1978
1979	15.3	8.42	43.3	43.2	14.9	5.68	1.11	0.210	0.189	0.790	5.75	17.1	13.0	1979
1980	17.3	4.20	28.9	35.2	18.6	4.38	3.11	1.40	0.622	1.87	8.87	15.2	11.7	1980
1981	4.98	36.3	29.1	13.0	9.49	8.78	3.89	2.38	21.5	11.8	18.2	8.08	13.8	1981
1982	6.12	3.68	18.2	49.8	16.2	8.85	3.07	0.891	0.815	1.71	9.82	25.8	12.1	1982
1983	19.1	15.3	20.8	29.2	28.3	7.88	1.17	0.490	0.377	2.00	8.82	24.8	13.1	1983
1984	8.57	27.3	24.0	41.6	18.8	6.08	2.27	1.86	0.923	0.415	1.59	4.86	11.4	1984
MEAN	9.18	10.5	22.1	36.4	16.4	5.74	2.07	0.851	1.34	1.90	6.73	12.2	10.5	MEAN

LOCATION - LAT 44 12 28 N DRAINAGE AREA, 891 km²
LONG 77 12 35 W REGULATED

SALMON RIVER NEAR SHANNONVILLE - STATION NO. 02HM003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1958	---	---	---	---	1958
1959	---	88.1 ON APR 3	0.113 ON AUG 11	302 000	1959
1960	---	104 ON APR 4	0.031 ON SEP 22 *	290 000	1960
1961	---	31.4 ON MAY 20	0.127 ON OCT 17	202 000	1961
1962	---	59.7 ON MAR 30	0.054 ON SEP 5	177 000	1962
1963	---	65.7 ON MAR 27	0.210 ON SEP 24	233 000	1963
1964	---	36.2 ON APR 8	0.059 ON SEP 8	204 000	1964
1965	82.3 AT 14:00 EST ON NOV 27	51.5 ON APR 13	0.176 ON AUG 24	373 000	1965
1966	52.4 AT 06:00 EST ON DEC 11	43.0 ON DEC 11	0.088 ON SEP 13	276 000	1966
1967	84.0 AT 05:00 EST ON APR 3	49.0 ON APR 3	0.122 ON SEP 18	338 000	1967
1968	58.0 AT 21:30 EST ON MAR 19	55.5 ON MAR 20	0.447 ON SEP 2	319 000	1968
1969	82.1 AT 12:30 EST ON MAY 19	59.98 ON MAR 25	0.127 ON OCT 13	386 000	1969
1970	47.9 AT 05:12 EST ON MAR 27	43.0 ON MAR 27	0.201 ON SEP 25	298 000	1970
1971	79.3 AT 04:41 EST ON APR 14	77.9 ON APR 14	0.076 ON AUG 21	317 000	1971
1972	73.3 AT 23:55 EST ON APR 15	71.1 ON APR 16	0.816 ON SEP 24	446 000	1972
1973	78.7 AT 01:56 EST ON MAR 18	75.0 ON MAR 18	0.085 ON SEP 15	386 000	1973
1974	81.3 AT 11:30 EST ON APR 5	80.1 ON APR 5	0.108 ON OCT 11	395 000	1974
1975	78.2 AT 18:03 EST ON MAR 20	71.6 ON MAR 20	0.088 ON SEP 10	312 000	1975
1976	89.2 AT 03:14 EST ON MAR 28	86.4 ON MAR 28	0.102 ON SEP 5	348 000	1976
1977	---	58.8 ON MAR 14	0.102 ON JUL 31	278 000	1977
1978	74.8 AT 22:44 EST ON APR 1	68.0 ON APR 2	0.082 ON AUG 18	361 000	1978
1979	71.7 AT 02:30 EST ON APR 3	68.9 ON APR 5	0.049 ON SEP 13	411 000	1979
1980	152 AT 22:43 EST ON MAR 21 *	141 ON MAR 22 *	0.284 ON SEP 25	389 000	1980
1981	113 AT 01:30 EST ON FEB 21	106 ON FEB 21	1.54 ON SEP 3	434 000	1981
1982	81.6 AT 18:11 EST ON APR 3	78.2 ON APR 4	0.425 ON AUG 22	382 000	1982
1983	92.6 AT 23:15 EST ON DEC 15	49.6 ON DEC 15	0.174 ON AUG 28	416 000	1983
1984	85.3 AT 00:40 EST ON APR 7	83.6 ON APR 7	0.253 ON OCT 7	361 000	1984
				331 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SAUBLE RIVER AT SAUBLE FALLS - STATION NO. 02FA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	10.5	4.85	4.86	1.39	5.67	9.18	20.9	29.0	---	1957
1958	13.3	8.11	22.6	20.6	5.74	3.13	1.62	1.10	1.14	1.39	3.65	4.85	7.33	1958
1959	5.91	6.48	22.1	59.1	22.9	8.52	1.70	1.33	1.17	3.40	13.9	16.4	14.2	1959
1960	12.8	12.9	10.2	57.3	34.2	10.9	2.85	1.96	1.36	1.84	8.17	5.82	13.3	1960
1961	5.75	9.59	42.2	30.3	14.6	7.18	3.56	2.56	3.62	3.35	12.1	17.1	12.7	1961
1962	8.43	8.65	30.8	35.0	9.84	2.67	1.67	1.06	0.788	3.12	4.53	9.37	8.67	1962
1963	7.43	5.84	31.6	38.6	28.3	6.19	2.52	2.47	2.91	3.62	7.08	8.45	12.2	1963
1964	17.4	14.4	23.6	14.7	6.38	2.79	1.84	1.17	1.10	1.98	2.88	10.4	8.20	1964
1965	12.4	22.8	17.9	60.7	18.1	3.08	2.00	2.01	1.34	5.02	13.9	26.4	15.4	1965
1966	23.0	38.1	22.8	14.1	4.84	2.92	1.27	0.823	0.575	0.612	3.57	19.9	10.8	1966
1967	18.0	15.8	17.9	60.2	11.7	7.61	4.73	2.44	3.30	11.5	41.1	29.2	18.5	1967
1968	15.0	30.2	29.2	23.4	8.51	4.81	3.96	5.90	6.23	5.23	8.41	24.1	13.7	1968
1969	16.8	21.9	20.2	48.5	27.3	10.2	5.07	3.90	2.04	3.48	15.4	14.2	15.8	1969
1970	9.32	10.8	14.9	56.1	16.8	3.35	4.41	3.18	6.78	12.6	13.0	17.6	14.0	1970
1971	12.3	14.2	31.5	63.3	16.0	5.42	3.92	2.09	2.65	2.13	3.83	11.8	14.0	1971
1972	14.0	11.8	13.9	59.3	20.6	5.23	4.28	3.60	2.53	4.84	10.1	15.7	13.8	1972
1973	37.6	17.5	34.7	24.0	12.8	7.62	3.53	4.96	2.12	3.02	14.8	19.6	15.2	1973
1974	24.3	18.1	30.5	34.8	16.3	8.10	2.86	1.80	1.55	4.07	13.9	12.5	14.0	1974
1975	17.6	15.2	32.6	42.7	13.8	3.97	1.54	1.17	2.18	2.17	4.88	13.0	12.5	1975
1976	10.0	24.0	67.3	27.1	11.8	3.83	4.01	1.73	1.31	2.37	11.3	11.6	14.7	1976
1977	8.18	8.18	64.7	34.8	8.38	2.22	1.89	1.92	4.53	10.4	22.5	25.5	16.0	1977
1978	14.7	9.80	12.2	47.8	10.8	4.46	2.59	1.02	2.33	2.68	7.93	13.0	10.7	1978
1979	15.3	11.2	58.7	48.0	13.6	3.47	1.86	2.00	1.67	7.57	15.9	31.9	17.7	1979
1980	21.4	9.38	29.0	38.9	9.14	6.04	14.1	11.4	6.54	13.0	15.1	20.4	16.2	1980
1981	11.1	44.5	31.5	18.7	11.8	5.29	3.50	1.81	5.72	7.95	9.27	15.9	13.8	1981
1982	11.8	7.74	25.8	62.2	11.0	8.15	3.43	2.76	3.16	4.89	14.0	30.0	15.4	1982
1983	21.0	22.5	21.0	24.7	28.2	10.8	2.88	1.74	2.15	4.37	8.91	17.3	13.8	1983
1984	12.0	46.3	32.2	26.3	9.13	4.84	2.70	1.82	5.99	6.24	15.6	21.7	15.2	1984
MEAN	14.8	17.2	29.3	40.1	14.7	5.56	3.40	2.53	2.84	5.07	12.0	17.6	13.7	MEAN

LOCATION - LAT 44 40 10 N DRAINAGE AREA, 927 km²
LONG 81 15 10 W NATURAL FLOW

SAUBLE RIVER AT SAUBLE FALLS - STATION NO. 02FA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1957	---	---	---	---	1957
1958	---	55.5 ON MAR 29	0.880 ON AUG 20	231 000	1958
1959	144 R AT 11:00 EST ON APR 6	141 ON APR 6	0.906 ON SEP 14	448 000	1959
1960	180 R AT 17:00 EST ON APR 4	153 ON APR 4	1.05 ON SEP 17	420 000	1960
1961	---	80.1 ON MAR 8	0.850 ON SEP 10	400 000	1961
1962	---	117 ON MAR 30	0.527 ON SEP 18	305 000	1962
1963	---	170 ON MAR 30	1.38 ON SEP 10	385 000	1963
1964	---	55.5 ON MAR 6	0.823 ON SEP 14	260 000	1964
1965	---	148 ON APR 13	1.01 ON SEP 8	484 000	1965
1966	---	159 ON FEB 12	0.425 ON SEP 20 *	344 000	1966
1967	183 AT 18:00 EST ON APR 1	172 ON APR 1	1.92 ON AUG 21	585 000	1967
1968	98.1 AT 09:00 EST ON FEB 4	92.9 ON FEB 4	2.94 ON JUL 26	433 000	1968
1969	104 AT 11:06 EST ON APR 6	102 ON APR 6	1.71 ON OCT 7	500 000	1969
1970	122 AT 05:43 EST ON APR 16	120 ON APR 16	2.09 ON AUG 18	442 000	1970
1971	128 AT 11:00 EST ON APR 13	121 ON APR 13	1.51 ON AUG 24	443 000	1971
1972	148 AT 01:30 EST ON APR 16	142 ON APR 15	1.85 ON OCT 11	435 000	1972
1973	86.4 AT 23:50 EST ON JAN 1	80.7 ON JAN 1	1.55 ON SEP 17	480 000	1973
1974	88.9 AT 03:00 EST ON APR 5	84.4 ON APR 5	1.14 ON SEP 17	442 000	1974
1975	135 AT 08:30 EST ON APR 20	132 ON APR 20	0.858 ON AUG 23	396 000	1975
1976	154 AT 12:00 EST ON MAR 22	150 ON MAR 22	0.773 ON SEP 7	464 000	1976
1977	203 AT 17:08 EST ON MAR 16 *	198 ON MAR 16 *	0.954 ON JUL 29	505 000	1977
1978	92.3 AT 17:23 EST ON APR 8	90.9 ON APR 8	0.854 ON SEP 8	338 000	1978
1979	116 AT 13:11 EST ON MAR 25	114 ON MAR 25	1.11 ON JUL 30	556 000	1979
1980	87.0 AT 14:21 EST ON MAR 22	84.6 ON MAR 22	2.72 ON AUG 29	513 000	1980
1981	148 AT 18:59 EST ON FEB 24	142 ON FEB 24	1.40 ON AUG 27	438 000	1981
1982	188 AT 00:02 EST ON APR 2	156 ON APR 2	1.32 ON AUG 21	485 000	1982
1983	86.0 AT 00:10 EST ON MAY 9	59.3 ON MAY 8	0.592 ON SEP 15	434 000	1983
1984	118 AT 04:56 EST ON FEB 16	116 ON FEB 16	1.18 ON AUG 17	480 000	1984
				431 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

SAUGEEN RIVER ABOVE DURHAM - STATION NO. 02FC018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	---	---	---	---	---	---	---	---	---	---	---	---	---	1976
1977	1.31	1.37	19.4	7.75	1.25	0.701	0.745	2.67	4.39	7.31	6.45	5.26	4.91	1977
1978	2.38	1.67	3.21	18.8	6.48	2.00	0.586	0.611	1.41	2.33	2.69	3.41	3.87	1978
1979	3.11	1.50	15.8	18.8	4.67	1.37	0.643	1.27	1.20	4.18	6.95	7.92	5.47	1979
1980	4.17	1.34	8.04	12.5	2.74	1.72	4.30	2.12	3.21	5.04	4.44	5.90	4.64	1980
1981	1.67	16.8	8.68	8.45	4.05	2.08	0.711	1.28	2.87	5.08	4.80	2.83	4.53	1981
1982	2.14	1.17	4.55	24.0	2.42	4.32	1.11	2.02	1.94	1.77	7.98	10.7	5.33	1982
1983	4.32	3.98	7.62	7.78	6.55	2.83	0.882	0.883	1.98	3.10	5.68	3.62	4.08	1983
1984	2.11	12.6	7.80	10.2	3.80	2.04	1.18	0.837	2.80	1.41	5.48	9.81	4.93	1984
MEAN	2.65	5.05	9.11	13.1	4.02	2.11	1.27	1.44	2.48	3.78	5.87	6.19	4.72	MEAN

LOCATION - LAT 44 11 08 N DRAINAGE AREA, 329 km²
LONG 80 47 13 W NATURAL FLOW

SAUGEEN RIVER ABOVE DURHAM - STATION NO. 02FC016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1976	4.22 AT 09:22 EST ON DEC 31	---	---	---	1976
1977	126 AT 00:04 EST ON MAR 15 *	104 ON MAR 15 *	0.320 ON JUL 28 *	155 000	1977
1978	80.1 AT 10:02 EST ON APR 13	77.0 ON APR 13	0.398 ON JUL 20	122 000	1978
1979	91.6 AT 00:55 EST ON APR 15	81.6 ON APR 15	0.399 ON JUL 23	172 000	1979
1980	70.6 AT 00:45 EST ON MAR 21	32.3 ON MAR 21	0.682 ON JUL 14	147 000	1980
1981	97.7 AT 08:25 EST ON FEB 22	92.6 ON FEB 22	0.390 ON AUG 26	143 000	1981
1982	87.1 AT 02:26 EST ON APR 18	84.1 ON APR 18	0.801 ON AUG 18	168 000	1982
1983	22.1 AT 02:05 EST ON MAR 8	21.1 ON MAR 8	0.406 ON SEP 12	129 000	1983
1984	81.2 AT 11:48 EST ON DEC 30	73.5 ON DEC 30	0.382E ON AUG 17	155 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		149 000	MEAN

E - ESTIMATED

SAUGEEN RIVER NEAR DURHAM - STATION NO. 02FC014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	3.71	2.84	3.03	24.6	6.82	3.02	2.45	1.40	1.10	3.23	4.04	4.94	5.09	1972
1973	10.5	4.99	18.8	9.39	8.13	3.85	1.50	1.18	0.881	1.28	5.60	5.05	5.77	1973
1974	5.20	4.34	14.3	17.1	10.7	2.55	2.39	1.31	1.09	2.05	5.19	2.73	5.75	1974
1975	4.82	3.48	8.30	25.7	7.33	2.17	1.69	1.50	2.40	1.75	2.97	7.72	5.81	1975
1976	2.88	5.94	28.0	11.6	5.81	3.24	3.39	1.82	2.12	2.84	5.02	2.83	6.21	1976
1977	2.05	1.97	21.2	9.78	---	---	---	---	---	---	---	---	---	1977
MEAN	4.88	3.94	15.6	16.3	7.38	2.73	2.28	1.40	1.48	2.23	4.80	4.88	5.73	MEAN

LOCATION - LAT 44 11 30 N DRAINAGE AREA, 381 km^2
LONG 80 51 26 W REGULATED

SAUGEEN RIVER NEAR DURHAM - STATION NO. 02FC014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	108 AT 15:09 EST ON APR 19 *	100 ON APR 19 *	0.898 ON SEP 23	181 000	1972
1973	54.8 AT 06:54 EST ON MAR 13	51.8 ON MAR 13	0.578 ON SEP 14	182 000	1973
1974	80.1 AT 12:03 EST ON APR 5	75.0 ON APR 5	0.456 ON SEP 11 *	181 000	1974
1975	101 AT 05:33 EST ON APR 21	89.2 ON APR 21	0.875 ON AUG 20	183 000	1975
1976	75.6 AT 13:16 EST ON MAR 26	72.2 ON MAR 26	0.878 ON JUL 21	198 000	1976
1977	101 AT 05:12 EST ON MAR 15	90.6 ON MAR 15	---	---	1977
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		181 000	MEAN

SAUGEEN RIVER NEAR PORT ELGIN - STATION NO. 02FC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	37.4	19.3	14.4	13.4	11.3	14.3	33.0	27.8	---	1914
1915	33.5	81.9	75.8	73.3	23.0	17.2	14.6	20.7	32.0	37.1	39.7	53.9	41.6	1915
1916	144	138	119	218	76.9	56.1	19.4	12.8	11.5	16.8	25.7	53.9	74.0	1916
1917	33.8	16.3	141	151	65.3	54.1	117	26.4	16.0	26.1	25.2	29.3	58.7	1917
1918	13.9	33.6	182	125	45.1	24.5	14.6	11.2	21.9	21.7	48.8	80.4	52.8	1918
1919	86.5	40.5	173	85.3	70.9	20.8	13.0	10.1	10.9	21.7	47.8	45.3	53.3	1919
1920	20.5	17.6	241	110	40.0	23.5	27.8	17.2	13.3	23.9	60.1	86.5	57.0	1920
1921	84.1	39.8	202	82.4	46.6	37.0	21.1	16.0	12.5	21.1	25.8	49.8	54.3	1921
1922	36.2	34.3	185	158	34.9	25.7	26.2	15.3	14.1	13.4	16.4	19.5	48.3	1922
1923	16.3	12.5	102	204	110	33.4	15.7	11.6	13.8	11.5	16.7	38.3	48.9	1923
1924	48.8	33.9	110	162	120	32.0	21.8	18.7	14.2	14.8	11.8	33.0	51.6	1924
1925	19.1	77.6	148	75.2	26.2	18.0	15.6	11.3	13.9	28.1	104	53.8	49.1	1925
1926	57.5	43.6	71.6	267	87.5	39.5	18.0	21.8	20.5	42.3	121	45.7	69.4	1926
1927	32.8	29.6	162	57.3	59.8	35.0	21.2	12.3	11.7	14.7	27.1	61.5	44.0	1927
1928	44.3	46.4	149	202	42.7	25.0	64.5	57.3	22.2	71.9	123	111	79.9	1928
1929	119	52.6	213	250	131	35.9	29.6	17.1	14.5	16.1	26.5	25.2	77.7	1929
1930	88.9	123	107	137	80.5	36.1	25.9	11.4	10.2	12.6	13.9	33.1	54.4	1930
1931	14.4	20.4	43.9	115	40.1	19.0	15.2	13.2	11.6	20.2	57.6	84.4	37.9	1931
1932	118	115	88.9	140	51.2	22.3	30.3	27.4	50.0	43.3	82.0	110	73.0	1932
1933	74.8	46.2	56.1	151	77.9	25.0	14.0	11.7	10.7	14.3	27.7	57.8	47.2	1933
1934	72.8	37.1	81.6	173	33.9	17.3	12.4	10.0	14.3	12.9	32.4	21.9	43.2	1934
1935	46.2	25.2	155	36.8	25.3	34.7	16.7	10.2	10.2	12.3	30.0	28.0	38.1	1935
1936	20.1	18.3	132	112	49.5	24.5	11.2	10.2	18.8	22.4	28.4	71.9	43.2	1936
1937	101	101	35.8	141	48.1	18.7	13.2	15.2	13.6	25.7	33.5	27.5	47.4	1937
1938	31.7	144	167	70.5	42.7	26.6	13.2	15.4	15.0	13.8	14.8	16.4	47.1	1938
1939	36.8	30.9	81.5	180	46.2	21.9	21.8	18.1	13.5	19.1	37.5	22.5	44.0	1939
1940	18.7	18.0	18.5	222	85.2	58.1	26.0	18.0	23.6	31.6	67.5	93.4	56.4	1940
1941	66.5	38.5	28.2	197	29.6	18.6	12.3	10.5	14.2	65.6	86.4	62.0	52.4	1941
1942	43.6	30.0	220	112	75.2	70.4	18.9	14.1	24.0	36.7	82.8	53.9	65.4	1942
1943	67.7	94.9	193	186	140	46.5	36.4	28.1	20.9	20.5	66.6	58.2	79.6	1943
1944	82.0	55.2	104	142	67.4	28.6	14.8	11.7	13.5	13.2	23.4	22.3	46.4	1944
1945	18.7	22.9	183	80.8	110	65.2	67.6	18.6	24.5	90.9	51.0	31.6	64.2	1945
1946	107	63.7	209	42.8	30.8	24.6	15.1	13.3	12.7	14.1	19.0	25.7	48.2	1946
1947	49.6	57.8	85.0	377	149	80.6	49.9	25.0	18.2	15.4	18.3	38.5	80.1	1947
1948	19.5	27.8	238	102	53.5	20.6	17.8	13.6	9.40	13.6	26.5	20.2	47.1	1948
1949	87.2	65.1	147	79.8	26.3	14.6	14.7	9.28	11.1	20.5	17.2	133	52.3	1949
1950	126	42.9	132	224	42.3	30.1	23.2	15.7	15.0	17.5	44.3	103	68.1	1950
1951	110	92.1	165	236	61.0	31.6	26.6	17.5	25.6	66.5	91.7	63.4	82.1	1951
1952	106	66.5	106	188	48.8	22.1	16.0	17.5	15.1	11.9	20.9	53.2	55.9	1952
1953	44.8	57.8	137	73.2	79.0	77.7	68.9	19.3	23.1	16.5	17.4	30.3	53.8	1953
1954	25.1	111	180	166	41.6	28.9	13.1	14.0	31.2	191	88.8	46.5	76.1	1954
1955	49.2	41.3	151	178	38.4	27.0	11.4	9.07	7.88	13.0	34.4	31.9	49.3	1955
1956	21.2	19.4	75.4	217	100	30.7	22.0	17.2	26.1	19.1	22.0	75.0	53.7	1956
1957	41.2	66.7	108	82.6	39.9	27.3	51.3	11.6	28.0	40.1	70.4	85.0	54.3	1957
1958	43.6	30.4	73.4	87.2	21.5	14.2	10.8	9.32	11.4	11.3	21.0	21.7	29.6	1958
1959	24.7	27.8	79.8	263	83.8	28.2	16.8	18.7	18.2	29.1	86.3	74.4	62.5	1959
1960	83.2	68.5	57.7	268	126	54.6	23.7	15.6	14.0	15.8	24.7	16.3	62.0	1960
1961	12.1	40.1	124	84.0	54.6	38.5	26.0	22.5	19.4	17.1	34.1	50.9	43.8	1961
1962	21.8	17.4	105	113	34.7	16.2	12.4	10.6	11.4	19.7	30.6	30.8	35.4	1962
1963	21.2	15.7	124	123	87.9	26.2	17.8	14.4	11.3	11.9	25.5	18.9	41.6	1963
1964	50.2	38.0	98.8	73.1	30.7	15.7	12.4	24.7	10.6	12.9	19.3	53.4	36.7	1964
1965	38.8	80.9	66.5	226	74.7	21.5	15.3	16.6	16.8	38.9	66.4	122	65.1	1965
1966	61.9	75.0	144	80.3	46.3	29.4	11.0	12.5	12.0	14.6	35.9	86.1	50.7	1966
1967	68.8	49.3	80.5	187	41.5	84.1	55.4	28.5	26.5	64.1	141	117	79.5	1967
1968	55.1	134	142	92.5	49.8	27.7	18.6	26.3	22.5	26.4	51.0	92.1	61.2	1968
1969	61.3	68.6	93.8	227	117	46.0	28.9	17.5	12.6	21.3	52.7	34.6	64.8	1969
1970	25.8	35.8	46.5	223	49.2	21.8	31.0	16.6	30.1	41.7	45.2	58.9	52.0	1970
1971	38.1	45.9	105	232	50.2	29.3	23.6	16.5	15.5	14.0	20.2	48.5	52.8	1971
1972	38.5	30.2	44.8	249	64.2	36.3	36.8	20.5	14.7	27.3	39.6	68.3	55.6	1972
1973	130	54.5	166	89.3	58.7	37.7	17.7	14.6	9.68	13.4	37.2	43.6	56.2	1973
1974	77.5	44.1	138	144	98.8	32.9	19.4	16.1	12.9	20.9	50.1	33.8	57.5	1974
1975	64.3	55.2	113	203	65.2	27.3	17.4	22.4	34.8	24.2	31.3	77.6	61.2	1975
1976	32.9	86.0	293	104	63.8	27.0	38.6	18.0	24.2	30.4	58.8	36.2	68.4	1976
1977	27.0	30.9	266	104	27.8	18.2	16.9	39.6	54.4	86.7	83.0	73.3	69.4	1977
1978	36.2	28.9	50.2	195	60.1	32.6	15.5	15.4	36.5	35.4	33.3	39.1	48.2	1978
1979	43.5	26.8	197	210	72.6	26.5	17.1	18.8	13.9	36.8	66.9	102	69.7	1979
1980	44.0	27.7	123	170	48.8	32.4	41.9	26.5	29.2	51.2	49.2	76.5	60.1	1980
1981	32.5	191	106	81.0	59.8	30.1	18.0	17.8	41.7	49.6	51.4	54.0	60.1	1981
1982	34.9	24.5	99.7	237	42.5	70.0	22.9	28.3	22.5	22.0	75.3	128	67.1	1982
1983	65.2	78.2	75.7	82.3	80.0	35.7	15.2	16.1	25.8	33.1	44.2	55.2	50.2	1983
1984	34.6	188	105	96.4	50.9	34.3	20.1	12.5	23.5	19.4	57.6	77.4	59.2	1984
MEAN	53.2	56.0	126	152	61.8	33.0	24.5	17.4	18.9	29.3	48.0	58.5	58.3	MEAN

LOCATION - LAT 44 27 23 N DRAINAGE AREA, 3 960 km²
LONG 81 19 36 W NATURAL FLOW

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	174 ON FEB 24	11.0 ON AUG 2	1 310 000	1915
1916	---	547 ON APR 2	10.1 ON SEP 18	2 340 000	1916
1917	---	589 ON MAR 27	10.6 ON SEP 27	1 850 000	1917
1918	---	501 ON MAR 23	5.72 ON JUL 28 *	1 670 000	1918
1919	---	530 ON MAR 17	5.72 ON AUG 14	1 880 000	1919
1920	---	547 ON MAR 26	12.1 ON SEP 20	1 800 000	1920
1921	---	459 ON MAR 21	10.5 ON SEP 13	1 710 000	1921
1922	---	425 ON MAR 14	9.20 ON SEP 5	1 520 000	1922
1923	---	725 ON APR 8	9.29 ON AUG 20	1 540 000	1923
1924	---	442 ON APR 7	10.8 ON OCT 26	1 630 000	1924
1925	---	269 ON MAR 11	7.93 ON AUG 31	1 550 000	1925
1926	---	538 ON APR 25	14.9 ON JUL 31	2 180 000	1926
1927	---	447 ON MAR 16	10.8 ON AUG 18	1 380 000	1927
1928	---	575 ON APR 6	15.8 ON SEP 9	2 520 000	1928
1929	---	895 ON APR 7	11.0 ON SEP 16	2 450 000	1929
1930	---	231 ON APR 7	8.78 ON SEP 22	1 720 000	1930
1931	---	172 ON APR 12	8.35 ON SEP 14	1 200 000	1931
1932	---	297 ON APR 1	16.1 ON JUN 25	2 310 000	1932
1933	---	337 ON APR 2	6.18 ON SEP 5	1 490 000	1933
1934	---	391 ON APR 5	8.78 ON AUG 21	1 350 000	1934
1935	---	482 ON MAR 17	8.78 ON AUG 19	1 140 000	1935
1936	---	388 ON MAR 25	8.78 ON AUG 12	1 370 000	1936
1937	---	518 ON APR 6	9.63 ON AUG 3	1 490 000	1937
1938	---	501 ON MAR 25	9.81 ON AUG 1	1 480 000	1938
1939	---	362 ON APR 20	9.12 ON OCT 9	1 380 000	1939
1940	---	470 ON APR 9	13.1 ON AUG 17	1 780 000	1940
1941	---	507 ON APR 7	7.84 ON AUG 18	1 850 000	1941
1942	---	818 ON MAR 17	12.0 ON AUG 22	2 080 000	1942
1943	---	586 ON APR 2	14.2 ON OCT 9	2 510 000	1943
1944	---	309 ON MAR 26	9.12 ON AUG 29	1 470 000	1944
1945	---	484 ON MAR 18	15.4 ON AUG 28	2 020 000	1945
1946	---	490 ON MAR 9	10.5 ON OCT 11	1 520 000	1946
1947	---	844 ON APR 12	13.1 ON OCT 8	2 530 000	1947
1948	---	818 ON MAR 22	9.12 ON SEP 1	1 490 000	1948
1949	---	476 ON MAR 29	8.27 ON AUG 14	1 850 000	1949
1950	---	894 ON APR 5	11.0 ON AUG 28	2 150 000	1950
1951	---	459 ON MAR 31	13.2 ON AUG 14	2 580 000	1951
1952	---	371 ON APR 2	10.6 ON SEP 14	1 770 000	1952
1953	---	264 ON MAR 16	11.6 ON AUG 31	1 700 000	1953
1954	---	733E ON OCT 16	10.2 ON JUL 27	2 400 000	1954
1955	---	337 ON MAR 12	7.08 ON SEP 16	1 550 000	1955
1956	897 AT 17:00 EST ON APR 4	668 ON APR 4	10.8 ON AUG 23	1 700 000	1956
1957	377 AT 10:00 EST ON DEC 21	351 ON DEC 21	10.0 ON SEP 2	1 710 000	1957
1958	225 AT 00:01 EST ON MAR 31	210 ON MAR 31	7.48 ON AUG 5	935 000	1958
1959	580 AT 01:30 EST ON APR 6	527 ON APR 6	11.8 ON AUG 9	1 870 000	1959
1960	722 AT 21:00 EST ON APR 3	680 ON APR 3	11.7 ON SEP 12	1 860 000	1960
1961	328 AT 01:30 EST ON MAR 7	257 ON MAR 7	7.48R ON FEB 3	1 380 000	1961
1962	569 AT 02:30 EST ON MAR 30	467 ON MAR 30	8.89 ON SEP 4	1 120 000	1962
1963	883 AT 07:00 EST ON MAR 30	818 ON MAR 30	9.74 ON SEP 26	1 310 000	1963
1964	3178 AT 23:50 EST ON MAR 5	2518 ON MAR 5	7.19 ON JUL 31	1 180 000	1964
1965	753 AT 14:00 EST ON APR 12	680 ON APR 12	10.5 ON AUG 2	2 050 000	1965
1966	402B AT 11:30 EST ON FEB 11	371 ON DEC 8	8.21 ON JUL 25	1 800 000	1966
1967	665 AT 05:30 EST ON APR 1	629 ON APR 1	15.0 ON SEP 18	2 510 000	1967
1968	784 AT 01:00 EST ON FEB 3	561 ON FEB 3	13.6 ON JUL 25	1 940 000	1968
1969	532 AT 14:00 EST ON APR 5	484 ON APR 5	11.6 ON SEP 5	2 040 000	1969
1970	586 AT 04:00 EST ON APR 15	532 ON APR 15	11.8 ON AUG 16	1 840 000	1970
1971	507R AT 10:00 EST ON APR 13	490 ON APR 13	11.8 ON OCT 4	1 670 000	1971
1972	680 AT 23:26 EST ON DEC 31	595 ON APR 15	11.7 ON SEP 24	1 780 000	1972
1973	682 AT 00:42 EST ON JAN 1	478 ON JAN 1	7.89 ON SEP 16	1 770 000	1973
1974	450 AT 21:24 EST ON MAR 5	425 ON MAR 6	10.7 ON SEP 9	1 810 000	1974
1975	894 AT 04:28 EST ON APR 21	671 ON APR 21	10.8 ON AUG 10	1 830 000	1975
1976	885 AT 08:55 EST ON MAR 21	750 ON MAR 21	12.3 ON AUG 27	2 180 000	1976
1977	1 100 AT 00:18 EST ON MAR 14 *	1 030 ON MAR 14 *	8.88 ON JUL 29	3 180 000	1977
1978	371 AT 08:09 EST ON APR 13	362 ON APR 13	11.4 ON SEP 10	1 520 000	1978
1979	572 AT 02:01 EST ON APR 18	548 ON APR 18	9.53 ON SEP 30	2 200 000	1979
1980	412 AT 00:03 EST ON MAR 23	372 ON MAR 22	14.8 ON SEP 13	1 800 000	1980
1981	912 AT 22:00 EST ON FEB 23	742 ON FEB 23	10.5 ON JUL 26	1 800 000	1981
1982	750 AT 23:18 EST ON MAR 31	623 ON APR 1	14.0 ON AUG 19	2 110 000	1982
1983	228 AT 19:58 EST ON MAY 3	177 ON MAY 3	8.05 ON SEP 15	1 580 000	1983
1984	533 AT 22:30 EST ON FEB 15	513 ON FEB 15	10.0 ON AUG 17	1 870 000	1984
				1 780 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

SAUGEEN RIVER NEAR WALKERTON - STATION NO. 02FC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	17.8	8.68	7.59	7.99	5.24	8.26	16.8	18.5	---	1914
1915	18.0	30.2	35.4	42.0	14.7	9.20	7.96	12.0	18.8	21.7	22.6	23.2	21.0	1915
1916	89.3	37.2	35.8	126	46.2	35.0	12.4	7.65	6.92	9.31	12.2	24.5	35.1	1916
1917	18.4	13.2	76.4	83.0	32.7	27.8	57.8	11.8	7.69	13.3	10.7	8.27	30.1	1917
1918	7.90	21.0	85.7	67.2	24.0	12.8	6.78	4.85	11.8	12.7	25.8	46.6	28.1	1918
1919	28.6	17.7	90.0	53.4	44.3	13.9	9.46	8.13	7.20	10.3	24.2	25.1	27.8	1919
1920	14.7	14.7	115	83.5	23.0	12.8	18.4	9.47	7.10	12.8	32.6	44.0	30.9	1920
1921	40.7	16.0	109	50.6	28.1	19.7	13.2	9.14	7.14	11.3	12.1	23.2	28.5	1921
1922	14.0	14.7	89.9	92.0	20.3	13.7	12.4	8.59	8.42	7.64	8.85	8.71	23.3	1922
1923	8.98	8.21	42.7	103	70.5	21.5	11.1	9.28	10.2	7.49	10.5	75.9	27.5	1923
1924	23.7	15.9	40.2	89.2	63.0	19.0	14.5	13.5	12.0	9.32	8.12	19.9	27.4	1924
1925	10.2	30.1	72.8	41.2	14.7	12.1	10.0	8.28	8.86	18.4	80.2	26.6	26.0	1925
1926	21.7	17.8	27.0	129	51.6	21.3	11.1	15.2	13.9	25.2	59.6	27.5	35.0	1926
1927	19.1	17.1	87.2	34.5	38.4	21.3	14.0	9.05	8.28	9.93	15.8	29.1	25.3	1927
1928	29.5	19.8	67.4	111	25.4	14.4	31.6	30.1	13.9	40.3	60.7	58.3	41.9	1928
1929	84.3	27.3	129	137	68.4	19.3	16.6	7.84	5.78	8.66	14.8	13.8	42.5	1929
1930	46.4	66.8	55.8	85.6	40.7	23.7	12.8	4.82	3.72	5.28	5.22	8.84	29.7	1930
1931	7.28	8.83	14.6	70.2	23.5	10.4	7.89	6.96	6.14	9.37	30.1	47.3	20.2	1931
1932	64.8	68.0	47.0	83.5	29.4	12.0	19.0	18.3	24.2	20.6	45.2	53.2	40.2	1932
1933	38.2	26.1	30.9	93.5	42.8	15.5	8.09	6.44	5.83	7.85	13.2	28.9	26.4	1933
1934	34.0	19.4	45.9	108	21.1	9.31	5.48	4.11	5.01	4.56	10.7	8.41	22.7	1934
1935	20.5	13.0	73.6	21.5	15.3	22.5	8.26	4.82	4.38	4.82	17.0	12.4	18.2	1935
1936	8.50	8.47	63.1	62.9	32.3	12.7	6.21	5.32	9.45	12.9	17.7	38.9	23.4	1936
1937	56.8	54.9	20.3	70.4	30.4	10.6	8.28	9.37	6.00	12.3	14.8	11.6	25.4	1937
1938	13.7	67.4	86.4	41.3	24.2	15.4	6.44	8.32	7.33	5.43	5.61	5.84	24.3	1938
1939	19.3	14.2	39.3	108	26.3	12.6	12.8	9.70	5.70	10.7	19.4	10.7	24.0	1939
1940	9.20	8.61	8.75	119	52.5	35.4	12.7	9.38	13.1	18.3	34.5	44.5	30.4	1940
1941	34.3	20.7	15.3	99.1	16.8	9.94	5.77	6.42	7.54	29.6	43.2	34.5	26.8	1941
1942	22.7	14.6	102	67.4	44.1	40.2	10.5	7.82	15.9	21.8	44.0	26.0	34.8	1942
1943	32.3	48.7	95.7	118	89.3	30.8	18.4	15.7	11.8	9.95	25.5	16.1	42.9	1943
1944	22.7	25.6	35.7	92.0	38.6	18.1	8.96	5.86	7.15	5.61	12.1	10.1	23.4	1944
1945	10.1	11.8	94.0	50.8	58.5	40.5	38.2	10.7	16.4	54.3	32.2	18.6	36.6	1945
1946	53.0	35.1	112	27.6	19.1	11.9	7.23	6.38	5.91	6.82	8.67	10.8	25.5	1946
1947	23.4	31.7	37.1	208	88.9	48.7	23.6	12.5	10.0	10.1	11.3	19.2	43.6	1947
1948	10.6	16.0	140	59.9	29.2	11.8	10.2	7.19	6.48	6.13	18.5	11.5	27.5	1948
1949	44.5	34.6	87.5	58.7	18.8	10.2	8.85	5.70	7.42	9.78	9.08	75.7	31.0	1949
1950	71.8	27.4	58.4	132	27.1	19.5	15.4	8.82	7.83	9.11	24.1	52.6	37.8	1950
1951	59.8	33.7	75.3	144	38.7	20.5	19.7	10.2	17.4	35.0	53.2	36.0	45.2	1951
1952	63.7	31.7	51.2	116	32.8	13.7	9.30	9.62	7.91	8.42	13.0	29.5	32.0	1952
1953	25.3	28.1	83.3	42.2	46.1	44.2	40.4	11.1	12.0	11.3	10.2	18.4	31.0	1953
1954	14.0	81.8	98.1	112	28.8	19.4	8.53	9.30	17.8	101	38.9	26.6	44.4	1954
1955	33.4	24.9	73.5	108	26.4	18.1	7.20	5.37	4.30	7.96	18.3	17.0	28.5	1955
1956	11.8	10.5	32.9	126	55.1	16.0	13.2	9.85	15.4	11.7	11.8	31.7	26.9	1956
1957	21.8	26.9	48.4	44.3	24.4	21.2	31.5	6.67	16.4	18.5	33.1	48.9	28.6	1957
1958	21.2	15.6	30.5	49.9	11.9	7.67	5.62	5.53	6.72	6.68	11.2	11.6	15.3	1958
1959	13.3	13.7	34.9	133	50.3	17.0	11.0	12.9	12.1	19.8	48.9	34.9	33.5	1959
1960	34.2	27.3	23.5	148	74.9	36.4	13.4	8.99	7.48	8.60	13.0	8.21	33.5	1960
1961	8.15	16.7	46.0	45.3	30.4	23.1	16.4	11.4	9.93	8.61	16.1	24.9	21.3	1961
1962	15.1	14.5	41.6	68.1	19.3	9.96	6.94	5.94	6.91	11.1	18.8	15.5	19.3	1962
1963	9.83	8.35	63.5	60.8	46.3	14.8	10.6	8.71	7.28	6.74	13.6	9.42	21.7	1963
1964	23.0	18.5	44.6	42.7	18.0	9.29	7.78	13.1	6.49	6.45	8.87	21.1	18.2	1964
1965	17.3	39.5	30.2	111	44.3	12.2	9.04	9.95	11.0	24.7	41.6	61.3	34.2	1965
1966	32.8	35.3	70.2	47.8	29.5	20.8	7.39	8.08	7.30	9.06	23.2	43.3	27.8	1966
1967	36.3	24.2	39.6	97.5	24.1	51.8	33.4	18.6	16.6	33.2	63.2	61.5	41.6	1967
1968	26.0	58.2	70.7	52.1	28.7	18.8	10.7	15.0	15.2	16.7	33.7	46.6	32.3	1968
1969	36.3	39.3	47.8	118	67.0	25.4	16.5	10.4	7.79	13.0	23.6	16.3	35.0	1969
1970	11.2	16.5	19.8	110	30.2	13.1	20.6	8.86	16.1	23.2	26.4	29.5	27.0	1970
1971	16.2	19.4	41.0	123	28.4	18.8	13.6	9.70	9.47	8.68	11.5	26.0	27.1	1971
1972	22.0	17.3	21.4	125	37.0	21.7	17.5	10.5	8.33	16.2	21.0	30.5	29.0	1972
1973	59.4	30.5	85.4	80.9	35.1	24.1	11.5	9.07	8.57	8.54	22.1	23.2	31.4	1973
1974	31.1	24.2	75.3	83.9	61.8	19.0	12.7	9.58	7.99	11.4	23.7	16.1	31.4	1974
1975	30.2	28.1	51.0	125	39.8	18.5	11.3	12.2	19.1	12.8	15.8	38.0	33.1	1975
1976	15.8	40.2	150	61.0	35.8	16.8	23.6	11.2	16.2	18.8	29.5	18.0	36.6	1976
1977	13.6	15.3	118	52.7	15.3	11.0	10.7	27.4	32.2	47.2	42.8	35.5	35.3	1977
1978	20.3	17.3	25.9	106	37.7	19.8	8.58	10.2	20.5	20.4	19.1	20.0	27.1	1978
1979	22.3	13.8	103	117	41.4	18.5	10.7	12.9	10.4	23.3	36.7	50.5	38.4	1979
1980	22.3	11.2	58.7	87.1	25.4	17.7	26.5	15.7	19.2	30.4	26.8	38.1	31.7	1980
1981	14.1	90.2	45.3	41.9	28.6	18.3	10.9	12.4	23.0	32.4	30.3	24.8	30.7	1981
1982	18.3	12.2	42.3	136	24.2	35.2	13.7	19.7	14.0	13.4	44.0	87.1	38.7	1982
1983	35.5	34.1	48.0	49.4	48.7	23.7	11.4	12.0	18.8	23.3	31.7	30.2	30.6	1983
1984	17.9	90.3	55.5	80.6	39.0	21.8	13.7	9.35	18.1	12.4	32.0	48.8	33.6	1984
MEAN	26.8	27.2	61.8	85.6	36.1	19.7	14.2	10.3	11.1	18.4	24.6	28.8	30.2	MEAN

LOCATION - LAT 44 07 13 N DRAINAGE AREA, 2 150 km²
LONG 81 08 55 W NATURAL FLOW

SAUGEEN RIVER NEAR WALKERTON - STATION NO. 02FC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)		MAXIMUM DAILY DISCHARGE (m^3/s)		MINIMUM DAILY DISCHARGE (m^3/s)		TOTAL DISCHARGE (dam^3)	YEAR
1914	---		---		---		---	1914
1915	---		108	ON APR 12	6.94	ON JUN 28	883 000	1915
1916	---		215	ON APR 3	4.50	ON SEP 17	1 110 000	1916
1917	---		371	ON MAR 26	3.99	ON DEC 7	948 000	1917
1918	---		247	ON APR 2	2.29	ON JUL 24 *	887 000	1918
1919	---		261	ON MAR 18	2.63	ON AUG 14	877 000	1919
1920	---		292	ON MAR 28	4.62	ON SEP 6	978 000	1920
1921	---		297	ON MAR 21	5.52	ON AUG 20	898 000	1921
1922	---		220	ON APR 12	3.48	ON AUG 20	736 000	1922
1923	---		261	ON MAY 18	5.58	ON SEP 3	858 000	1923
1924	---		289	ON APR 7	5.41	ON OCT 28	866 000	1924
1925	---		190	ON MAR 28	4.64	ON AUG 28	821 000	1925
1926	---		334	ON APR 24	8.84	ON AUG 21	1 100 000	1926
1927	---		277	ON MAR 18	4.81	ON SEP 26	787 000	1927
1928	---		385	ON APR 8	8.07	ON SEP 8	1 320 000	1928
1929	---		515	ON APR 8	2.32	ON SEP 30	1 340 000	1929
1930	---		163	ON APR 13	2.52	ON SEP 27	935 000	1930
1931	---		132	ON APR 11	3.60	ON SEP 13	637 000	1931
1932	---		183	ON APR 12	6.65	ON SEP 3	1 270 000	1932
1933	---		215	ON APR 2	4.08	ON SEP 3	832 000	1933
1934	---		220	ON APR 6	3.14	ON AUG 19	717 000	1934
1935	---		228	ON MAR 18	3.14	ON AUG 30	574 000	1935
1936	---		170	ON MAR 27	4.02	ON AUG 15	738 000	1936
1937	---		180	ON APR 6	5.55	ON AUG 1	801 000	1937
1938	---		371	ON MAR 24	3.88	ON SEP 12	787 000	1938
1939	---		249	ON APR 18	3.43	ON OCT 7	768 000	1939
1940	---		282	ON APR 11	5.55	ON AUG 12	980 000	1940
1941	---		248	ON APR 8	3.20	ON AUG 11	847 000	1941
1942	---		345	ON MAR 18	5.80	ON AUG 17	1 100 000	1942
1943	---		532	ON APR 2	6.85	ON OCT 11	1 350 000	1943
1944	---		234	ON APR 11	4.30	ON AUG 21	742 000	1944
1945	---		345	ON MAR 17	8.75	ON AUG 24	1 150 000	1945
1946	---		260	ON MAR 9	4.19	ON OCT 7	803 000	1946
1947	---		629	ON APR 12	6.06	ON OCT 13	1 370 000	1947
1948	---		640	ON MAR 21 *	3.37	ON SEP 7	888 000	1948
1949	---		413	ON DEC 23	4.11	ON AUG 8	977 000	1949
1950	---		578	ON APR 5	5.04	ON AUG 27	1 190 000	1950
1951	---		253	B ON JAN 4	8.65	ON AUG 13	1 430 000	1951
1952	292 AT 13:00 EST ON APR 2		276	ON APR 2	5.13	ON OCT 6	1 010 000	1952
1953	153 AT 18:00 EST ON MAR 15		148	ON MAR 15	5.21	ON SEP 3	977 000	1953
1954	---		428	ON OCT 17	4.81	ON JUL 28	1 400 000	1954
1955	---		197	ON APR 3	3.54	ON SEP 20	803 000	1955
1956	---		368	ON APR 7	6.06	ON AUG 10	915 000	1956
1957	---		180	ON DEC 22	5.21	ON AUG 24	903 000	1957
1958	---		107	ON APR 3	3.51	ON AUG 18	482 000	1958
1959	309 AT 17:00 EST ON APR 8		283	ON APR 9	6.51	ON AUG 8	1 080 000	1959
1960	428 AT 17:00 EST ON APR 4		411	ON APR 4	5.66	ON SEP 12	1 080 000	1960
1961	---		115	ON MAR 29	5.808	ON FEB 1	870 000	1961
1962	---		253	ON MAR 31	4.81	ON SEP 3	808 000	1962
1963	382 AT 22:00 EST ON MAR 30		368	ON MAR 31	4.98	ON OCT 23	885 000	1963
1964	---		126	ON APR 9	4.98	ON JUL 30	575 000	1964
1965	282 AT 24:00 EST ON APR 12		257	ON APR 13	8.82	ON AUG 25	1 080 000	1965
1966	205 AT 01:00 EST ON DEC 9		192	ON DEC 9	5.38	ON SEP 19	878 000	1966
1967	317 AT 22:00 EST ON APR 3		248	ON APR 3	9.00	ON SEP 17	1 310 000	1967
1968	263 B AT 03:30 EST ON FEB 3		213	B ON FEB 3	8.18	ON JUL 27	1 020 000	1968
1969	248 AT 11:51 EST ON APR 11		242	ON APR 11	7.08	ON SEP 5	1 100 000	1969
1970	289 AT 20:00 EST ON APR 15		272	ON APR 16	6.94	ON AUG 18	852 000	1970
1971	311 AT 02:00 EST ON APR 14		308	ON APR 14	7.31	ON AUG 22	854 000	1971
1972	419 AT 18:44 EST ON APR 19		377	ON APR 19	8.48	ON SEP 24	917 000	1972
1973	219 AT 13:05 EST ON MAR 13		210	ON MAR 13	5.55	ON SEP 18	891 000	1973
1974	343 AT 01:32 EST ON MAR 8		326	ON MAR 8	6.71	ON SEP 11	892 000	1974
1975	536 AT 10:05 EST ON APR 20 *		527	ON APR 20	7.42	ON AUG 10	1 050 000	1975
1976	389 AT 23:31 EST ON MAR 21		374	ON MAR 22	8.33	ON AUG 31	1 180 000	1976
1977	507 AT 12:00 EST ON MAR 14		490	ON MAR 14	8.34	ON JUL 28	1 110 000	1977
1978	250 AT 17:50 EST ON APR 12		248	ON APR 12	8.07	ON SEP 8	854 000	1978
1979	442 AT 08:43 EST ON APR 15		425	ON APR 15	7.88	ON SEP 30	1 210 000	1979
1980	257 AT 06:07 EST ON MAR 22		240	ON MAR 22	9.88	ON SEP 12	1 000 000	1980
1981	358 AT 08:51 EST ON FEB 24		349	ON FEB 24	7.83	ON JUL 25	888 000	1981
1982	339 AT 11:31 EST ON APR 1		328	ON APR 1	9.35	ON AUG 17	1 180 000	1982
1983	97.8 AT 17:22 EST ON MAR 8		88.5	ON MAR 8	7.73	ON SEP 13	884 000	1983
1984	280 AT 21:12 EST ON DEC 30		262	ON FEB 15	7.80	ON AUG 17	1 080 000	1984
							954 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SAWMILL CREEK AT OTTAWA - STATION NO. 02LA013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	0.593	0.242	0.373	0.387	0.478	0.488	0.188	---	1981
1982	0.178	0.104	0.421	0.841	0.228	0.181	0.115	0.137	0.181	0.130	0.285	0.433	0.278	1982
1983	0.176	0.355	0.531	0.545	0.529	0.239	0.132	---	---	---	---	---	---	1983
MEAN	0.177	0.230	0.476	0.743	0.379	0.338	0.163	0.255	0.289	0.304	0.381	0.300	0.278	MEAN

LOCATION - LAT 45 23 18 N DRAINAGE AREA, 20.4 km^2
LONG 75 40 28 W NATURAL FLOW

SAWMILL CREEK AT OTTAWA - STATION NO. 02LA013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	0.0818 ON DEC 30	---	1981
1982	---	3.65 ON APR 1 *	0.080 ON AUG 18 *	8 770	1982
1983	---	---	---	---	1983
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		8 770	MEAN

SCHNEIDER CREEK AT KITCHENER - STATION NO. 02GA037

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	0.140	0.172	0.185	0.208	0.142	0.149	0.184	0.277	---	1971
1972	0.224	0.144	0.569	---	---	---	0.190	0.165	0.215	0.320	0.274	0.363	---	1972
1973	0.412	0.299	1.07	0.382	0.391	0.194	0.187	0.198	0.185	0.222	0.386	0.217	0.346	1973
1974	0.448	0.283	0.814	0.523	0.563	0.298	0.159	0.093	0.177	0.117	0.391	0.088	0.313	1974
1975	0.287	0.586	0.800	0.544	0.211	0.377	0.148	0.531	0.178	0.133	0.242	0.288	0.343	1975
1976	0.125	0.710	1.04	0.461	0.283	0.135	0.198	0.178	0.320	0.196	0.149	0.095	0.322	1976
1977	0.070	0.158	0.959	0.507	0.150	0.229	0.227	0.381	0.592	0.478	0.336	0.426	0.377	1977
1978	0.189	0.126	0.570	0.955	0.377	0.194	0.185	0.207	0.306	0.212	0.261	0.234	0.317	1978
1979	0.248	0.195	0.924	0.739	0.377	0.331	0.130	0.221	0.282	0.354	0.484	0.532	0.401	1979
1980	0.328	0.180	0.885	0.593	0.312	0.308	0.245	0.208	0.304	0.287	0.175	0.266	0.341	1980
1981	0.128	0.910	0.243	0.416	0.290	0.265	0.214	0.241	0.383	0.428	0.245	0.208	0.326	1981
1982	0.189	0.178	1.06	0.763	0.315	0.458	0.336	0.571	0.330	0.147	0.439	0.672	0.454	1982
1983	0.208	0.448	0.243	0.448	0.647	0.221	0.264	0.271	0.281	0.218	0.302	0.304	0.320	1983
1984	0.127	0.889	0.616	0.387	0.387	0.523	0.242	0.348	0.351	0.162	0.317	0.348	0.387	1984
MEAN	0.228	0.392	0.723	0.556	0.342	0.285	0.206	0.273	0.288	0.244	0.298	0.308	0.354	MEAN

LOCATION - LAT 43 26 22 N DRAINAGE AREA, 25.1 km^2
LONG 80 28 34 W NATURAL FLOW

SCHNEIDER CREEK AT KITCHENER - STATION NO. 02GA037

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	12.4 AT 12:21 EST ON JUN 21	3.77 ON MAR 22	---	---	1972
1973	7.16 AT 01:03 EST ON JUL 14	2.78 ON FEB 2	0.042 ON JUL 23	10 900	1973
1974	11.1 AT 18:55 EST ON MAY 18	4.30 ON JAN 27	0.040 ON AUG 25	9 870	1974
1975	24.7 AT 04:22 EST ON AUG 24	8.87 ON AUG 24	0.028 ON JUL 26 *	10 800	1975
1976	16.7 AT 18:14 EST ON JUL 7	4.56 ON MAR 5	0.031 ON DEC 30	10 200	1976
1977	23.9 AT 18:09 EST ON AUG 18	5.30 ON MAR 13	0.031 ON JAN 1	11 800	1977
1978	8.72 AT 16:09 EST ON MAY 20	3.54 ON APR 11	0.037 ON AUG 1	9 990	1978
1979	12.1 AT 21:08 EST ON AUG 23	5.99 ON MAR 4	0.041 ON JUL 29	12 600	1979
1980	18.1 AT 11:13 EST ON MAR 21	8.09 ON MAR 21	0.060 ON DEC 27	10 800	1980
1981	17.8 AT 03:39 EST ON SEP 4	3.66 ON SEP 4	0.058 ON JAN 1	10 300	1981
1982	41.0 E AT 03:11 EST ON AUG 4 *	9.32 ON MAR 31 *	0.044 ON OCT 10	14 300	1982
1983	24.8 AT 03:37 EST ON JUL 29	4.22 ON MAY 2	0.030 ON JUL 24	10 100	1983
1984	24.4 AT 02:55 EST ON AUG 2	6.85 ON FEB 14	0.048 ON JUL 24	12 200	1984
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		11 200	MEAN

SCHOMBERG RIVER NEAR SCHOMBERG - STATION NO. 02EC010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	0.151	0.138	0.010	0.019	0.030	0.041	0.101	0.153	---	1966
1967	0.173	0.341	0.657	0.526	0.133	0.406	0.368	0.085	0.083	0.215	0.308	0.563	0.317	1967
1968	0.270	1.14	2.13	0.325	0.182	0.057	0.047	0.058	0.072	0.083	0.258	0.232	0.402	1968
1969	0.570	0.225	1.01	0.894	0.417	0.114	0.086	0.036	0.028	0.059	0.148	0.093	0.307	1969
1970	0.125	0.240	0.501	0.971	0.149	0.024	0.048	0.027	0.047	0.057	0.133	0.138	0.205	1970
1971	0.080	0.094	0.428	0.945	0.088	0.043	0.033	0.061	0.022	0.045	0.095	0.188	0.178	1971
1972	0.156	0.084	0.231	1.71	0.151	0.148	0.088	0.080	0.035	0.135	0.257	0.218	0.271	1972
1973	0.487	0.320	1.48	0.868	0.330	0.103	0.033	0.060	0.028	0.153	0.177	0.138	0.331	1973
1974	0.592	0.230	1.01	0.588	0.478	0.100	0.048	0.037	0.041	0.059	0.144	0.149	0.281	1974
1975	0.143	0.700	0.773	0.817	0.282	0.052	0.028	0.027	0.044	0.083	0.077	0.070	0.281	1975
1976	0.042	0.742	0.825	0.379	0.280	0.083	0.138	0.150	0.088	0.185	0.122	0.083	0.285	1976
1977	0.052	0.085	1.30	0.307	0.054	0.080	0.063	0.186	0.206	0.524	0.374	0.455	0.305	1977
1978	0.246	0.142	0.773	1.63	0.383	0.070	0.024	0.047	0.118	0.108	0.122	0.117	0.329	1978
1979	0.148	0.080	1.39	0.791	0.387	0.078	0.033	0.052	0.081	0.188	0.287	0.508	0.338	1979
1980	0.344	0.025	0.980	0.947	0.213	0.078	0.437	0.103	0.156	0.321	0.202	0.486	0.350	1980
1981	0.077	0.888	0.325	0.243	0.248	0.084	0.187	0.158	0.187	0.258	0.424	0.187	0.252	1981
1982	0.186	0.114	2.08	1.00	0.153	0.284	0.082	0.050	0.083	0.094	0.398	0.859	0.449	1982
1983	0.348	0.518	0.525	0.642	0.498	0.099	0.028	0.032	0.038	0.088	0.188	0.181	0.284	1983
1984	0.091	1.12	0.972	0.697	0.285	0.119	0.048	0.031	0.088	0.083	0.153	0.208	0.317	1984
MEAN	0.227	0.380	0.971	0.789	0.254	0.114	0.093	0.067	0.075	0.138	0.209	0.282	0.302	MEAN

LOCATION - LAT 44 00 43 N DRAINAGE AREA, 42.8 km^2
LONG 79 41 10 W NATURAL FLOW

REMARKS - LAT. COORDINATES AND DRAINAGE AREA REVISED NOV 1982

SCHOMBERG RIVER NEAR SCHOMBERG - STATION NO 02EC010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	11.2 AT 01:20 EST ON DEC 22	5.47 ON DEC 22	0.017 ON JUN 6	10 000	1967
1968	13.6 B AT 14:30 EST ON FEB 2	7.088 ON FEB 2	0.008 ON JUL 26 *	12 700	1968
1969	13.3 AT 00:36 EST ON MAR 21	5.80 ON MAR 21	0.012 ON AUG 24	9 700	1969
1970	6.60 AT 19:16 EST ON APR 8	3.54 ON APR 9	0.010 ON JUN 8	6 450	1970
1971	5.80 AT 05:52 EST ON APR 2	4.67 ON APR 2	0.015 ON AUG 21	5 540	1971
1972	13.0 AT 17:12 EST ON APR 13	9.15 ON APR 13	0.014 ON AUG 22	8 560	1972
1973	8.13 AT 00:16 EST ON MAR 12	4.22 ON MAR 12	0.010 ON SEP 1	10 400	1973
1974	---	7.368 ON MAR 5	0.013 ON JUL 23	9 170	1974
1975	15.3 AT 20:18 EST ON FEB 24 *	7.90 ON FEB 24	0.015 ON JUL 17	8 250	1975
1976	---	4.258 ON MAR 20	0.0208 ON JAN 8	8 380	1976
1977	10.2 AT 17:04 EST ON MAR 9	5.49 ON MAR 9	0.016 ON JUL 28	9 620	1977
1978	8.86 AT 02:24 EST ON APR 7	6.31 ON APR 7	0.014 ON JUL 27	10 400	1978
1979	9.408 AT 17:28 EST ON MAR 4	4.97 ON DEC 25	0.020 ON JUL 30	10 500	1979
1980	10.9 AT 20:51 EST ON APR 14	6.53 ON MAR 21	0.0148 ON FEB 3	11 100	1980
1981	6.18 AT 18:00 EST ON FEB 23	4.46 ON FEB 23	0.029 ON JUL 27	7 970	1981
1982	13.4 AT 03:53 EST ON MAR 31	11.2 ON MAR 31 *	0.023 ON SEP 11	14 200	1982
1983	6.88 AT 10:23 EST ON FEB 3	4.97 ON FEB 3	0.014 ON JUL 30	8 330	1983
1984	---	9.008 ON FEB 14	0.018 ON AUG 10	10 000	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		9 520	MEAN

SEGUIN RIVER NEAR PARRY SOUND - STATION NO 02EA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	5.71	5.13	11.8	24.3	18.4	---	1915
1916	14.6	28.5	10.7	67.1	62.3	19.2	7.70	5.01	7.71	10.5	26.9	19.5	23.2	1916
1917	8.35	1.93	4.08	64.1	21.0	15.8	14.5	4.89	3.46	---	---	---	---	1917
MEAN	11.5	15.2	7.39	75.6	41.7	17.5	11.1	5.20	5.43	11.2	25.6	19.0	23.2	MEAN

LOCATION - LAT 45 24 10 N, LONG 79 54 25 W
DRAINAGE AREA, 984 km^2, REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

SEGUIN RIVER NEAR PARRY SOUND - STATION NO 02EA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	132 ON MAY 3 *	3.82 ON JAN 14 *	735 000	1916
1917	---	103 ON APR 8	---	---	1917
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		735 000	MEAN

SEINE RIVER AT STURGEON FALLS GENERATING STATION - STATION NO 05PB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	39.4	39.1	38.9	46.0	122	110	83.3	42.2	36.2	37.3	35.6	---	1963
1964	36.5	36.1	36.6	49.7	97.5	121	129	68.2	83.5	79.4	73.7	52.9	72.4	1964
1965	36.4	41.9	51.7	54.7	70.0	87.2	44.0	35.1	53.1	69.8	77.4	54.7	56.3	1965
1966	41.7	37.8	62.0	78.0	104	120	40.1	36.9	36.1	29.9	16.3	31.3	53.0	1966
1967	28.4	31.3	33.6	48.8	44.5	47.5	34.2	36.3	27.0	20.5	33.7	40.9	35.7	1967
1968	40.8	33.9	41.4	41.4	56.0	126	130	50.6	34.6	47.7	63.9	41.0	58.3	1968
1969	40.7	50.5	58.6	72.6	72.4	81.7	60.3	57.7	31.3	41.4	39.6	39.0	53.8	1969
1970	38.1	40.5	29.3	35.7	63.5	157	59.6	32.4	37.8	47.7	62.6	68.8	57.7	1970
1971	48.1	58.5	59.3	61.0	49.5	109	50.8	25.3	24.8	50.5	104	68.9	59.0	1971
1972	42.8	45.9	40.3	51.3	42.1	63.0	52.7	52.9	37.5	38.2	37.9	37.6	44.3	1972
1973	33.3	27.5	24.4	21.5	19.2	12.2	32.6	51.9	46.3	58.2	41.5	44.4	34.3	1973
1974	39.4	40.9	41.0	54.1	73.0	136	83.7	40.4	40.8	48.4	41.2	40.6	54.7	1974
1975	40.2	40.5	37.7	38.7	28.4	37.3	33.6	43.5	39.8	8.58	18.5	20.0	32.0	1975
1976	18.5	19.5	34.8	50.8	45.3	35.1	20.0	16.8	15.4	20.1	34.8	28.4	28.0	1976
1977	16.4	16.4	32.8	33.6	9.51	11.2	34.5	27.1	86.7	115	77.3	55.3	43.8	1977
1978	41.4	41.7	48.8	48.1	25.8	93.7	57.9	42.9	60.0	42.5	40.0	42.0	48.5	1978
1979	44.4	41.5	41.5	53.8	55.8	72.1	38.9	23.6	19.8	8.85	34.4	39.4	39.4	1979
1980	38.3	41.7	40.1	41.2	12.3	10.3	29.5	27.3	19.7	49.0	42.0	38.8	32.7	1980
1981	38.5	38.5	25.3	36.0	30.4	58.0	62.6	24.9	10.4	18.1	27.8	18.7	31.7	1981
1982	25.6	27.3	24.6	33.8	49.2	44.5	74.2	51.9	28.3	71.3	68.5	46.4	45.8	1982
1983	40.9	40.2	42.6	37.0	10.4	68.4	84.9	46.3	25.2	30.0	28.8	40.8	41.3	1983
1984	38.8	40.0	39.8	37.3	46.3	70.5	49.2	27.7	22.5	22.2	23.8	27.1	37.0	1984
MEAN	36.8	37.8	40.2	46.3	48.7	78.1	58.3	41.4	37.8	43.2	46.0	41.3	45.7	MEAN

LOCATION - LAT 48 44 40 N, LONG 82 17 06 W
DRAINAGE AREA, 5 880 km^2, REGULATED SINCE 1958
DATA CONTRIBUTED BY - BOISE CASCADE CANADA LIMITED

SEINE RIVER AT STURGEON FALLS GENERATING STATION - STATION NO. OSP8009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	---	187 ON JUL 15	12.3 ON JAN 1	2 290 000	1964
1965	---	159 ON MAY 25	10.6 ON JAN 17	1 780 000	1965
1966	---	193 ON MAY 30	0 ON JAN 1 *	1 670 000	1966
1967	---	81.6 ON APR 20	0 ON JAN 1	1 130 000	1967
1968	---	180 ON JUN 28	7.48 ON SEP 28	1 840 000	1968
1969	---	129 ON JUN 3	0 ON SEP 21	1 700 000	1969
1970	---	215 ON JUN 11 *	2.55 ON SEP 27	1 820 000	1970
1971	---	138 ON NOV 18	0 ON AUG 22	1 860 000	1971
1972	---	92.0 ON JUL 26	13.0 ON SEP 22	1 400 000	1972
1973	---	75.0 ON AUG 19	0 ON JUN 10	1 080 000	1973
1974	---	173 ON JUN 5	19.0 ON AUG 10	1 720 000	1974
1975	---	80.6 ON JUN 22	0 ON MAY 27	1 010 000	1975
1976	---	77.3 ON APR 15	0 ON SEP 6	886 000	1976
1977	---	158 ON SEP 21	0 ON MAY 1	1 380 000	1977
1978	---	131 ON JUN 18	15.3 ON MAY 27	1 530 000	1978
1979	---	115 ON APR 27	0 ON OCT 8	1 240 000	1979
1980	---	85.1 ON OCT 4	0 ON MAY 5	1 030 000	1980
1981	---	92.9 ON JUN 23	0 ON AUG 30	998 000	1981
1982	---	116 ON JUL 27	0 ON SEP 6	1 440 000	1982
1983	---	146 ON JUN 28	0 ON MAY 5	1 300 000	1983
1984	---	94.7 ON JUN 27	15.9 ON NOV 5	1 170 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 440 000	MEAN

SEINE RIVER NEAR LA SEINE - STATION NO. OSP8001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	---	---	40.5	33.9	27.0	---	1914
1915	19.6	16.3	14.0	17.7	---	---	---	---	---	40.8	---	---	---	1915
1916	---	---	---	---	197	169	89.5	50.8	45.3	47.8	34.7	21.5	---	1916
1917	17.5	11.0	8.28	13.2	32.3	61.5	44.5	34.0	29.0	---	---	---	---	1917
1920	---	---	---	---	---	---	---	---	---	23.3	22.9	22.4	---	1920
1921	21.6	19.8	18.8	51.3	97.7	92.2	49.4	32.7	32.8	34.5	29.8	24.9	42.2	1921
1922	23.5	21.8	19.0	43.6	95.9	74.8	52.7	38.4	28.6	20.9	19.5	19.4	38.3	1922
1923	19.7	20.8	19.6	38.3	84.4	49.2	34.3	38.0	30.7	21.1	17.0	16.2	32.5	1923
1924	16.3	13.6	12.0	27.0	52.1	45.7	32.1	23.2	21.9	34.8	33.0	26.9	28.3	1924
1925	25.9	24.2	22.6	43.7	67.5	64.6	55.0	25.5	19.0	17.7	11.3	10.3	31.5	1925
1926	12.9	13.2	13.6	17.1	34.6	49.9	83.7	62.7	51.7	---	---	---	---	1926
MEAN	19.6	17.8	16.0	31.5	81.4	75.9	55.2	38.2	32.4	31.3	25.2	21.1	34.6	MEAN

LOCATION - LAT 46 45 00 N DRAINAGE AREA, 5 800 km^2
LONG 92 12 00 W NATURAL FLOW

SEINE RIVER NEAR LA SEINE - STATION NO. OSP8001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	---	---	---	1915
1916	---	250 ON JUN 1 *	---	---	1916
1917	---	70.2 ON JUN 5	---	---	1917
1920	---	---	---	---	1920
1921	---	109 ON MAY 18	18.9 B ON FEB 18	1 330 000	1921
1922	---	114 ON MAY 21	17.4 B ON NOV 28	1 210 000	1922
1923	---	94.9 ON MAY 21	15.9 B ON DEC 17	1 020 000	1923
1924	---	61.7 ON MAY 21	11.6 B ON MAR 22	894 000	1924
1925	---	83.5 ON JUN 27	8.50B ON DEC 2 *	991 000	1925
1926	---	96.0 ON JUL 11	11.0 B ON JAN 2	---	1926
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 090 000	MEAN

SERPENT RIVER ABOVE QUIRKE LAKE - STATION NO 02CD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	1 15	4 30	3 39	---	1967
1968	---	---	---	6 18	3 41	3 83	2 48	1 64	4 73	3 90	2 76	---	---	1968
1969	---	---	---	6 85	5 13	4 55	3 68	1 85	---	---	---	3 00	---	1969
1970	---	---	2 95	4 61	5 52	9 38	1 74	1 59	3 00	4 49	5 36	---	---	1970
1971	---	---	---	---	---	3 03	0 888	---	---	---	---	3 13	---	1971
1972	---	---	---	---	9 55	1 39	1 09	---	---	---	1 98	1 78	---	1972
1973	2 32	2 19	4 63	5 44	5 22	2 24	2 45	4 16	1 47	1 16	1 32	1 68	2 86	1973
1974	1 88	1 57	1 65	7 84	4 81	2 63	1 57	0 472	0 576	0 910	3 21	2 29	2 44	1974
1975	---	---	---	---	---	5 57	---	0 726	0 865	---	---	---	---	1975
1976	---	---	---	---	---	1 84	0 814	---	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	---	1 09	4 07	5 90	3 84	---	1977
1978	2 18	1 53	1 98	3 25	4 92	2 70	1 78	1 41	2 07	5 88	2 49	2 22	2 69	1978
1979	1 76	1 54	5 22	10 7	8 04	2 46	3 38	1 28	1 40	3 58	5 25	4 15	4 07	1979
1980	3 55	2 25	1 34	7 35	4 01	1 68	1 44	1 26	1 24	1 53	1 31	0 757	2 30	1980
1981	0 612	2 19	3 62	8 44	2 23	3 42	2 08	0 878	0 783	0 782	0 735	0 834	2 21	1981
1982	1 24	1 75	2 92	6 94	8 24	1 87	1 47	0 951	1 67	5 87	4 75	5 73	3 45	1982
1983	4 83	3 03	3 52	7 83	5 05	4 86	0 987	0 657	0 662	2 48	2 80	3 22	3 38	1983
1984	1 82	1 89	2 21	5 03	2 86	2 17	1 53	0 905	2 24	2 68	5 15	5 18	2 89	1984
MEAN	2 22	2 00	3 01	6 88	5 24	3 36	1 82	1 37	1 67	2 94	3 44	2 95	2 92	MEAN

LOCATION - LAT 46 31 00 N DRAINAGE AREA, 157 km²
LONG 82 37 00 W NATURAL FLOW

SERPENT RIVER ABOVE QUIRKE LAKE - STATION NO 02CD006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1967	---	---	---	---	1967
1968	---	10 7 ON APR 5	1 07 ON AUG 14	---	1968
1969	---	11 5 ON APR 17	---	---	1969
1970	28 6 AT 11 30 EST ON JUN 2 *	27 6 ON JUN 2 *	0 900 ON JUL 13	---	1970
1971	---	5 888 ON DEC 15	---	---	1971
1972	---	---	---	---	1972
1973	9 97 AT 05 59 EST ON MAY 4	9 71 ON MAY 4	0 722 ON SEP 15	80 300	1973
1974	16 0 AT 01 15 EST ON APR 24	15 5 ON APR 24	0 238 ON AUG 18 *	77 100	1974
1975	---	---	---	---	1975
1976	---	---	---	---	1976
1977	---	---	---	---	1977
1978	13 4 AT 12 13 EST ON OCT 8	13 3 ON OCT 8	1 15 ON AUG 22	84 800	1978
1979	17 2 AT 21 16 EST ON APR 28	16 8 ON APR 28	0 814 ON JUL 24	129 000	1979
1980	12 2 AT 11 34 EST ON APR 13	12 1 ON APR 13	0 6608 ON DEC 29	72 900	1980
1981	15 2 AT 16 49 EST ON APR 5	14 8 ON APR 6	0 448 ON SEP 25	69 600	1981
1982	12 1 AT 10 52 EST ON APR 27	12 0 ON APR 27	0 539 ON AUG 5	109 000	1982
1983	18 1 AT 22 46 EST ON APR 15	17 7 ON APR 16	0 452 ON AUG 11	107 000	1983
1984	12 2 AT 23 07 EST ON NOV 2	11 8 ON NOV 3	0 633 ON AUG 15	91 400	1984
				92 400	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SERPENT RIVER AT HIGHWAY NO 17 - STATION NO 02CD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	6 79	16 9	38 8	56 5	---	1966
1967	23 0	15 8	12 6	82 6	79 8	21 1	8 50	5 44	3 53	5 38	32 0	29 5	26 6	1967
1968	21 3 R	12 9 R	12 8 R	63 9	34 0	16 4	13 1	11 3	28 8	25 1	16 4	22 8	22 7R	1968
1969	20 9	20 3	14 6	56 4	44 3	22 1	18 2	11 0	4 02	12 5	36 1	23 3	23 8	1969
1970	12 1	8 83	8 09	35 8	52 5	71 2	16 6	5 82	11 8	30 7	43 5	44 1	28 4	1970
1971	16 3	12 5	10 6	58 9	56 4	23 3	9 16	4 56	3 05	3 01	5 32	29 1	20 1	1971
1972	16 9	13 6	13 6	53 4	89 2	17 1	5 68	4 98	13 1	21 4	16 8	13 1	23 6	1972
1973	16 4	16 8	32 6	39 9	41 2	21 4	11 6	17 1	10 3	8 77	7 25	16 2	19 8	1973
1974	14 3	12 8	10 3	58 2	44 6	20 9	10 9	4 28	1 80	3 02	16 7	15 6	17 9	1974
1975	15 3	14 5	11 4	39 0	83 9	28 2	15 3	6 50	2 14	1 35	5 01	23 6	19 0	1975
1976	13 2	8 69	12 4	79 2	39 1	13 1	5 22	1 74	0 849	0 519	0 762	2 27	14 8	1976
1977	2 38	2 50	19 6	86 3	23 5	8 69	3 02	1 40	1 27	19 0	61 8	38 8	20 5	1977
1978	17 3	9 24	6 89	27 8	51 0	18 1	7 08	4 88	6 45	33 6	23 3	18 5	18 7	1978
1979	14 4	8 53	42 3	85 3	85 2	26 8	20 1	16 7	9 15	17 6	44 9	35 0	33 1	1979
1980	26 1	14 9	10 3	54 3	34 3	14 0	7 47	4 88	8 22	12 3	15 3	11 7	17 7	1980
1981	8 92	8 24	20 9	72 5	22 9	13 1	12 6	5 15	3 10	8 17	10 4	10 9	15 6	1981
1982	9 69	7 66	12 2	56 8	51 4	15 7	6 87	3 41	14 2	33 8	37 5	44 1	24 7	1982
1983	34 8	18 4	26 4	61 6	43 1	36 6	9 74	3 17	1 80	10 8	16 5	19 9	23 5	1983
1984	13 3	13 1	16 5	41 3	21 9	15 7	8 55	4 88	12 2	16 6	45 8	36 6	20 9	1984
MEAN	16 8 R	12 4 R	16 8 R	57 5	47 6	22 6	10 8	8 41	7 27	14 8	25 4	28 0	21 8	MEAN

LOCATION - LAT 48 12 47 N DRAINAGE AREA, 1 350 km²
LONG 82 30 33 W NATURAL FLOW

R - REVISED SINCE JAN 1980

SERPENT RIVER AT HIGHWAY NO. 17 - STATION NO. 02CD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	152 AT 04:00 EST ON MAY 4 *	150 ON MAY 4 *	2.97 ON SEP 28	839 000	1967
1968	---	62.9 ON APR 6	7.53 ON AUG 16	718 000R	1968
1969	83.3 AT 20:00 EST ON APR 17	82.4 ON APR 17	3.00 ON OCT 6	750 000	1969
1970	133 AT 10:34 EST ON JUN 3	132 ON JUN 3	3.77 ON SEP 2	898 000	1970
1971	97.7 AT 20:48 EST ON APR 23	97.4 ON APR 24	2.81 ON SEP 27	535 000	1971
1972	144 AT 20:33 EST ON MAY 4	143 ON MAY 4	3.03 ON AUG 21	747 000	1972
1973	59.2 AT 16:02 EST ON APR 4	58.9 ON APR 4	5.41 ON NOV 20	824 000	1973
1974	102 AT 11:24 EST ON APR 19	102 ON APR 19	0.957 ON SEP 9	566 000	1974
1975	106 AT 22:36 EST ON MAY 2	105 ON MAY 2	1.02 ON OCT 10	599 000	1975
1976	99.7 AT 05:34 EST ON APR 19	99.4 ON APR 19	0.272 ON OCT 28 *	467 000	1976
1977	89.8 AT 21:20 EST ON NOV 11	87.8 ON NOV 11	0.572 ON SEP 18	847 000	1977
1978	85.5 AT 15:41 EST ON MAY 16	85.2 ON MAY 16	3.57 ON AUG 27	591 000	1978
1979	126 AT 17:20 EST ON APR 28	126 ON APR 28	5.48 ON OCT 10	1 040 000	1979
1980	81.4 AT 18:00 EST ON APR 11	80.6 ON APR 11	3.72 ON SEP 12	559 000	1980
1981	119 AT 18:58 EST ON APR 6	116 ON APR 6	2.16 ON SEP 25	517 000	1981
1982	98.3 AT 23:27 EST ON APR 27	98.5 ON APR 29	2.53 ON AUG 21	778 000	1982
1983	124 AT 19:30 EST ON APR 16	122 ON APR 17	1.40 ON SEP 15	742 000	1983
1984	85.9 AT 02:30 EST ON NOV 3	83.6 ON NOV 3	3.81 ON AUG 27	660 000	1984
				688 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

SERPENT RIVER AT OUTLET OF DUNLOP LAKE - STATION NO. 02CD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	0.345	2.39	3.36	2.58	---	1977
1978	1.35	0.809	1.11	1.26	2.58	1.74	1.11	0.777	0.752	3.78	1.31	1.36	1.50	1978
1979	1.22	0.976	3.33	7.64	6.13	1.46	2.60	0.491	0.860	1.75	3.16	2.87	2.71	1979
1980	2.06	1.36	0.834	4.95	2.53	0.886	0.768	0.636	0.455	0.405	0.267	0.090R	1.27R	1980
1981	0.081	0.774	2.10	5.46	1.19	2.19	1.25	0.503	0.283	0.042	0.049	0.018	1.16	1981
1982	0.406	1.16	2.06	3.96	4.15	1.22	0.793	0.491	0.340	3.53	2.63	3.71	2.04	1982
1983	3.30	1.84	1.86	5.05	3.84	3.17	0.487	0.098	0.017	1.16	2.15	2.94	2.17	1983
1984	1.60	1.57	1.40	2.72	1.65	1.46	1.06	0.272	0.993	1.47	3.82	3.14	1.78	1984
MEAN	1.43	1.21	1.81	4.44	3.17	1.73	1.14	0.457	0.506	1.82	2.10	2.05 R	1.80	MEAN

LOCATION - LAT 46 29 05 N
LONG 82 38 33 W
DRAINAGE AREA, 109 km^2
REGULATED

R - REVISED SINCE JAN 1980

SERPENT RIVER AT OUTLET OF DUNLOP LAKE - STATION NO. 02CD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	0 E ON AUG 14 *	---	1977
1978	10.2 AT 21:36 EST ON OCT 6	9.88 ON OCT 7	0.498 ON SEP 1	47 400	1978
1979	14.3 AT 01:40 EST ON APR 28 *	14.2 ON APR 28 *	0.240E ON JUN 9	85 400	1979
1980	9.59 AT 19:33 EST ON APR 12	9.24 ON APR 13	0.074RE ON DEC 31	40 000R	1980
1981	8.48 AT 13:50 EST ON APR 6	8.47 ON APR 6	0.014 ON OCT 10	38 500	1981
1982	7.71 AT 02:58 EST ON MAY 3	7.68 ON MAY 3	0.041 ON JAN 1	64 500	1982
1983	12.1 AT 15:36 EST ON APR 19	11.2 ON APR 20	0 ON SEP 30	68 300	1983
1984	8.73 AT 12:19 EST ON NOV 2	8.61 ON NOV 2	0.072E ON AUG 24	55 600	1984
				56 800R	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

SERPENT RIVER BELOW PECORS LAKE - STATION NO. 02CD004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	2.53	8.69	---	---	1967
1968	---	---	---	---	15.7	9.70	7.36	5.18	7.48	9.81	7.67	---	---	1968
1969	---	---	---	14.3	18.9	11.4	11.0	8.56	---	---	---	---	---	1969
1970	---	---	---	---	18.3	26.4	9.78	4.87	5.58	12.1	14.2	15.7	---	1970
1971	---	---	---	---	---	11.2	5.56	3.02	2.00	1.43	1.31	---	---	1971
1972	---	---	---	---	---	8.09	3.30	2.51	7.11	5.83	5.47	5.34	---	1972
1973	---	---	---	---	---	---	5.80	7.10	5.36	2.82	1.75	---	---	1973
1974	---	---	---	---	---	---	---	---	0.990	0.418	4.68	5.68	---	1974
1977	---	---	---	---	---	---	---	---	0.686	7.89	20.4	16.7	---	1977
1978	9.48	6.33	3.76	7.14	21.6	11.7	5.27	3.02	2.91	14.7	10.5	7.87	8.85	1978
1979	6.19	4.82	12.4	35.6	35.9	13.7	11.5	7.26	4.87	6.87	20.1	18.3	14.8	1979
1980	12.2	8.55	5.48	18.1	20.4	8.43	4.98	3.08	2.68	3.05	4.20	4.08	7.92	1980
1981	3.26	3.61	6.80	27.8	14.0	8.90	7.22	2.98	1.88	2.28	2.86	2.97	7.02	1981
1982	3.83	3.33	4.37	18.0	29.0	8.30	4.14	2.16	3.98	11.2	17.7	16.6	10.5	1982
1983	17.0	8.84	10.2	24.5 *	22.5	18.6	8.13	2.08	1.04	3.10	8.23	8.96	10.8	1983
1984	7.87	6.42	6.74	16.3	13.9	8.45	5.94	3.78	4.19	8.43	17.2	17.2	9.36	1984
MEAN	8.62	5.87	7.11	20.1	21.0	12.5	6.85	4.13	3.63	5.82	9.61	11.1	9.85	MEAN

LOCATION - LAT 46 22 28 N
LONG 82 26 18 W
DRAINAGE AREA, 887 km^2
REGULATED

SERPENT RIVER BELOW PECORS LAKE - STATION NO. 02CD004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	41.6 AT 02:00 EST ON JUN 6	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1977	---	---	---	---	1977
1978	27.2 AT 19:23 EST ON MAY 15	26.9 ON MAY 16	1.94 ON SEP 13	273 000	1978
1979	54.8 AT 03:56 EST ON MAY 1 *	53.7 ON MAY 1 *	3.46 ON OCT 10	487 000	1979
1980	28.1 AT 10:50 EST ON MAY 1	27.9 ON APR 30	2.12 ON SEP 12	250 000	1980
1981	34.3 AT 15:15 EST ON APR 14	33.7 ON APR 15	1.22 ON SEP 30	221 000	1981
1982	36.4 AT 08:23 EST ON MAY 7	36.3 ON MAY 7	1.69 ON AUG 18	332 000	1982
1983	34.6 AT 00:00 EST ON APR 19	34.6 ON APR 19	0.755 ON SEP 15 *	343 000	1983
1984	18.3 AT 12:22 EST ON NOV 2	18.2 ON APR 21	3.01 ON AUG 28	298 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		312 000	MEAN

SERPENT RIVER BELOW QUIRKE LAKE - STATION NO. 02CD003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1977	---	---	---	---	---	---	---	---	---	5.98	12.3	8.72	---	1977
1978	4.39	2.54	2.21	3.80	12.0	5.14	2.78	1.90	2.51	9.49	4.65	3.94	4.84	1978
1979	3.40	2.75	7.21	20.0	18.7	5.20	5.86	2.50	2.02	3.79	10.1	8.50	7.52	1979
1980	5.31	4.00	2.58	11.5	10.1	3.60	2.28	1.32	1.22	1.42	2.05	1.47	3.80	1980
1981	1.15	1.41	4.35	16.4	5.97	5.08	4.31	1.38	0.871	0.242	0.579	1.19	3.57	1981
1982	1.78	1.76	3.16	10.1	15.5	3.77	1.68	1.33	1.94	8.03	8.75	8.49	5.65	1982
1983	8.58	4.61	4.81	14.0	11.8	10.6	2.37	0.864	0.559	2.28	3.65	5.03	5.75	1983
1984	3.24	2.82	3.17	8.93	8.82	3.78	2.78	1.35	1.69	2.93	9.80	8.91	4.68	1984
MEAN	3.98	2.84	3.93	12.1	11.6	5.31	3.18	1.52	1.54	4.27	6.49	5.91	5.10	MEAN

LOCATION - LAT 46 29 11 N DRAINAGE AREA, 319 km^2
LONG 82 28 52 W REGULATED

SERPENT RIVER BELOW QUIRKE LAKE - STATION NO. 02CD003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1977	---	---	---	---	1977
1978	17.7 AT 11:10 EST ON MAY 19	17.1 ON MAY 19	1.48 ON AUG 27	146 000	1978
1979	30.3 AT 06:25 EST ON MAY 1 *	29.9 ON MAY 1 *	1.69 ON SEP 29	237 000	1979
1980	17.8 AT 15:17 EST ON APR 21	17.4 ON APR 22	1.03 ON SEP 13	123 000	1980
1981	22.3 AT 12:25 EST ON APR 11	22.1 ON APR 11	0.083 ON OCT 13 *	112 000	1981
1982	22.9 AT 11:53 EST ON MAY 4	22.5 ON MAY 4	0.952 ON AUG 10	178 000	1982
1983	24.5 AT 17:47 EST ON APR 20	24.5 ON APR 20	0.418 ON SEP 15	182 000	1983
1984	12.5 AT 03:02 EST ON NOV 10	12.5 ON NOV 10	0.965 ON SEP 7	148 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		181 000	MEAN

SEVERN RIVER ABOVE WASDELL FALLS - STATION NO. 02EC014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	79.5	86.0	85.1	117	86.5	41.7	---	---	---	---	---	---	---	1978
MEAN	79.5	86.0	85.1	117	86.5	41.7	---	---	---	---	---	---	---	MEAN

LOCATION - LAT 44 48 26 N DRAINAGE AREA, 5 310 km^2
LONG 79 17 40 W REGULATED

SEVERN RIVER ABOVE WASDELL FALLS - STATION NO. 02EC014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	160 AT 00:01 EST ON APR 15 *	159 ON APR 14 *	---	---	1978
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

SEVERN RIVER AT BIG FALLS - STATION NO. 02EC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	4.33	4.77	2.22	0.162	0.408	4.84	1.41	1.23	1.12	1.07	0.976	0.990	1.95	1963
1964	0.982	0.954	0.407	0.198	0.124	0.044	0.113	0.038	0	0	4.23	9.17	1.36	1964
1965	0.934	0.429	0.323	5.98	29.1	1.43	0.131	0.128	0.132	0.090	0.255	18.6	4.70	1965
1966	18.5	16.6	10.9	0.268	0.132	4.85	7.54	7.40	8.77	3.87	0.541	0.285	6.56	1966
1967	7.64	12.5	12.7	0.373	0.203	12.9	31.6	25.8	13.1	8.06	18.3	20.0	13.7	1967
1968	18.6	16.6	7.77	0.092	1.04	6.80	8.66	9.14	10.2	9.19	6.55	3.08	8.11	1968
1969	18.0	16.6	6.86	8.84	25.8	1.27	1.18	3.17	6.42	6.48 R	0.459	0.181	8.08R	1969
1970	0.181	0.181	0.181	11.6	6.54	2.51	13.6	24.0	13.3	8.19	12.5	16.0	9.13	1970
1971	16.2	15.6	9.26	13.5	12.6	3.28	4.36	8.41	7.35	11.4	10.4	3.11	9.57	1971
1972	0.403	5.73	16.4	17.0	28.5	16.1	8.27	16.2	13.3	2.26	8.46	17.1	12.7	1972
1973	16.4	14.9	3.26	24.1	14.8	0.759	1.02	1.96	1.83	1.04	2.17	17.3	8.25	1973
1974	14.5	16.2	10.7	23.2	23.8	3.60	3.26	17.5	13.6	3.20	11.1	15.7	13.2	1974
1975	15.3	15.4	16.0	12.7	11.6	0.867	0.825	0.934	0.844	0.721	0.600	0.568	6.47	1975
1976	2.10	15.3	16.3	24.6	30.9	3.26	5.67	12.2	15.0	8.80	0.671	0.845	11.6	1976
1977	3.00	3.40	3.29	2.78	3.26	2.26	4.04	7.45	8.94	11.3	10.4	13.6	6.09	1977
1978	16.9	17.1	15.4	12.6	11.1	4.79	3.69	3.84	4.93	4.14	3.61	3.75	8.61	1978
1979	6.81	16.4	15.6	12.2	26.8	12.7	6.00	5.15	6.48	10.0	7.31	9.73	11.5	1979
1980	16.0	1.91	3.15	26.2	12.9	5.31	9.30	24.8	14.0	3.86	3.48	6.45	11.1	1980
1981	20.0	16.6	9.17	0.233	6.01	9.72	8.47	7.45	16.8	11.8	10.4	13.7	10.8	1981
1982	16.8	16.5	16.6	12.4	1.26	14.8	5.20	6.06	16.6	16.0	5.67	15.7	11.8	1982
1983	22.5	16.4	2.06	16.2	23.7	9.24	4.83	5.43	12.8	9.82	4.80	3.69	11.1	1983
1984	12.8	16.7	16.6	13.2	8.07	14.0	8.67	12.1	16.3	8.31	0.817	0.148	11.1	1984
MEAN	11.4	12.1	9.06	11.0	12.7	6.13	6.27	9.20	9.36	6.30 R	5.67	8.61	8.98	MEAN

LOCATION - LAT 44 44 28 N
LONG 79 19 41 W REGULATED

R - REVISED SINCE JAN 1980

SEVERN RIVER AT BIG FALLS - STATION NO. 02EC006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	9.80 ON JUN 8	0.042 ON MAY 15	61 400	1963
1964	---	13.4 ON NOV 23	0 ON AUG 11 *	43 100	1964
1965	---	36.8 ON MAY 16 *	0.057E ON NOV 1	148 000	1965
1966	---	19.8 ON JAN 1	0.085 ON MAY 24	207 000	1966
1967	---	34.5 ON JUL 2	0.153 ON MAY 24	433 000	1967
1968	---	20.3 ON JAN 1	0.048E ON APR 17	257 000	1968
1969	---	29.4 ON APR 25	0.065 ON NOV 6	254 000R	1969
1970	---	29.4 ON JUL 21	0.170 ON JAN 8	288 000	1970
1971	---	27.9 ON APR 14	0.436 ON DEC 13	302 000	1971
1972	---	31.1 ON MAY 16	0.382 ON JAN 13	401 000	1972
1973	---	31.1 ON APR 4	0.530 ON MAR 5	260 000	1973
1974	---	26.4 ON APR 5	0.207E ON MAR 20	415 000	1974
1975	---	26.6 E ON MAY 3	0.258E ON APR 18	204 000	1975
1976	---	33.1 ON APR 9	0.530 ON JAN 19	367 000	1976
1977	---	19.6 ON DEC 23	0.181 ON APR 18	192 000	1977
1978	---	29.7 ON MAY 20	0.331 ON MAY 8	271 000	1978
1979	---	31.1 ON APR 26	0.449E ON DEC 30	382 000	1979
1980	---	30.5 ON APR 15	0.580 ON FEB 5	352 000	1980
1981	---	27.7 ON MAR 10	0.060 ON APR 21	338 000	1981
1982	---	29.0 ON JUN 17	0.185E ON MAY 19	372 000	1982
1983	---	30.8 ON MAY 6	0.150 ON NOV 17	349 000	1983
1984	---	27.2 ON MAY 30	0.100 ON NOV 19	251 000	1984
				283 000R	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

SEVERN RIVER AT LIMESTONE RAPIDS - STATION NO. 04CC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	248	168	132	117	808	2 250	1 540	954	780	1 210	736	413	783	1970
1971	277	217	182	181	1 300	1 110	1 050	1 080	805	802	533	382	829	1971
1972	298	244	213	203	1 760	1 280	895	672	529	705	521	388	809	1972
1973	293	238	203	185	1 780	1 290	1 290	700	733	1 050	913	649	781	1973
1974	488	358	284	259	1 100	2 190	1 090	949	1 080	968	846	485	822	1974
1975	356	288	238	378	2 000	1 620	1 320	1 850	1 610	1 330	888	885	1 040	1975
1976	---	---	---	---	---	---	889	682	585	378	215	158	---	1976
1977	130	114	102	278	848	438	422	817	938	850	565	380	475	1977
1978	255	195	163	153	786	773	959	1 170	1 020	808	638	475	618	1978
1979	378	283	218	237	1 400	1 310	847	883	829	731	585	439	863	1979
1981	288	229	191	188	---	1 110	---	---	---	---	---	---	---	1981
1982	---	---	---	---	---	---	1 480	1 310	934R	987R	728R	484	---	1982
1983	326	243	198	187	555	1 600	1 320	877	877	808	684	380	872	1983
1984	278	238	195	183	728	841	747	585	809	589	543	400	499	1984
MEAN	300	234	192	211	1 190	1 320	1 040	922	824R	830R	644R	436	890	MEAN

LOCATION - LAT 55 32 30 N
LONG 88 19 30 W

DRAINAGE AREA, 84 300 km^2
NATURAL FLOW

R - REVISED SINCE JAN 1980

REMARKS - DISCHARGES FOR SEP 27-NOV 9 1982 REVISED JUL 1983, AFTER PUBLICATION OF "SURFACE WATER DATA-ONTARIO 1982"

SEVERN RIVER AT LIMESTONE RAPIDS - STATION NO. 04CC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	2 720E ON JUN 1	112 B ON APR 21	24 700 000	1970
1971	---	2 210E ON MAY 24	155 B ON APR 17	18 800 000	1971
1972	---	2 780E ON MAY 13 *	198 B ON APR 21	18 300 000	1972
1973	---	2 610B ON MAY 15	191 B ON APR 8	24 700 000	1973
1974	---	2 610E ON JUN 16	252 B ON APR 10	25 900 000	1974
1975	2 440 AT 00:58 EST ON AUG 5 *	2 430 ON AUG 5	210 B ON APR 20	32 900 000	1975
1976	---	---	141 B ON DEC 31	---	1976
1977	---	1 300 ON AUG 28	98.0B ON MAR 25 *	15 000 000	1977
1978	---	1 480 ON AUG 22	141 B ON APR 20	18 500 000	1978
1979	---	1 870E ON MAY 23	172 B ON APR 13	20 900 000	1979
1981	---	---	---	---	1981
1982	---	---	---	---	1982
1983	2 180 AT 05:16 EST ON JUN 26	2 150 ON JUN 26	185 B ON APR 5	21 200 000	1983
1984	1 180 AT 13:50 EST ON JUN 11	1 150 ON JUN 10	107 B ON APR 18	15 800 000	1984
				21 800 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEVERN RIVER AT LITTLE FALLS - STATION NO. 02EC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	9.12	8.49	7.81	2.88	10.3	14.9	4.30	3.33	4.89	6.13	6.47	0.978	6.80	1963
1964	4.09	0.953	2.05	2.85	1.61	6.81	11.9	10.2	8.77	7.57	6.40	1.78	5.51	1964
1965	1.76	1.34	1.31	10.2	14.7	2.14	1.17	3.55	4.74	2.06	4.17	10.8	4.85	1965
1966	9.34	8.45	7.25	1.97	0.782	7.27	8.80	3.27	2.00	5.13	2.11	1.81	4.84	1966
1967	9.69	9.74	7.32	1.39	1.50	11.2	15.3	10.7	2.12	3.71	10.4	9.73	7.73	1967
1968	8.91	8.00	4.63	4.98	0.522	5.25	6.93	5.85	5.19	3.98	2.88	6.65	5.31	1968
1969	9.05	8.08	3.99	5.35	12.9	0.827	0.507	2.34	1.65	1.00	0.496	0.384	3.86	1969
1970	5.96	8.93	7.11	8.51	5.00	4.73	6.68	2.71	5.15	4.83	5.77	8.14	5.10	1970
1971	7.22	7.87	4.64	4.80	9.71	1.77	5.72	7.18	5.32	6.64	1.46	0.577	5.34	1971
1972	0.927	5.89	8.49	1.92	7.47	4.96	4.81	6.49	5.11	3.53	4.89	8.54	5.27	1972
1973	8.53	8.54	6.45	12.3	10.8	0.253	2.99	2.85	3.10	3.57	2.09	8.90	5.86	1973
1974	2.48	8.93	4.24	13.8	14.0	1.07	7.19	6.98	1.80	1.57	8.25	8.82	6.58	1974
1975	8.42	8.06	9.46	2.67	10.3	2.12	2.15	2.78	2.19	1.72	1.52	0.127	4.28	1975
1976	7.86	8.16	7.67	8.93	13.7	3.21	11.0	6.75	5.38	2.37	1.43	1.39	6.50	1976
1977	2.23	3.34	1.75	4.42	2.40	1.38	1.28	1.12	1.24	4.05	3.68	5.93	2.73	1977
1978	8.66	7.63	5.97	0.188	5.04	5.91	4.46	4.22	1.83	1.35	0.921	0.744	3.90	1978
1979	0.991	7.79	6.07	1.51	7.53	8.02	3.39	2.50	8.65	3.27	3.69	7.16	4.86	1979
1980	10.4	1.78	0.150	15.6	4.09	1.62	2.74	12.1	9.52	9.64	9.38	11.1	7.35	1980
1981	10.4	8.47	12.2	5.27	1.70	1.69	1.59	1.91	8.06	9.28	8.80	9.02	6.53	1981
1982	8.44	7.77	7.41	8.06	1.46	4.56	7.71	6.56	4.68	3.72	0.548	7.12	5.67	1982
1983	11.3	9.53	0.263	5.66	9.61	3.59	1.38	2.38	2.18	1.99	1.95	6.37	4.68	1983
1984	8.16	8.45	8.17	1.01	3.32	4.76	2.80	3.30	8.10	7.30	3.89	2.90	5.02	1984
MEAN	7.00	7.01	5.85	5.85	6.76	4.46	5.22	4.98	4.82	4.30	4.16	5.41	5.43	MEAN

LOCATION - LAT 44 46 45 N
LONG 79 19 31 W
REGULATED

SEVERN RIVER AT LITTLE FALLS - STATION NO. 02EC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	17.1 ON MAY 14	0.204 ON MAY 9	208 000	1963
1964	---	14.3 ON JUL 7	0.283E ON DEC 5	174 000	1964
1965	---	17.4 ON APR 21	0.227E ON OCT 19	153 000	1965
1966	---	14.3 ON JUN 17	0.133E ON DEC 17	152 000	1966
1967	---	16.7 ON JUL 3	0.459 ON MAR 30	244 000	1967
1968	---	15.8 ON APR 12	0 ON MAR 20 *	164 000	1968
1969	---	15.9 ON APR 22	0.079 ON JUL 7	122 000	1969
1970	---	15.8 ON MAY 5	0.482 ON MAR 27	193 000	1970
1971	---	15.1 ON MAY 14	0.256 ON NOV 23	184 000	1971
1972	---	15.9 ON MAY 18	0.187 ON OCT 30	187 000	1972
1973	---	15.1 ON APR 2	0.085E ON JUN 16	185 000	1973
1974	---	25.9 ON APR 17	0.173E ON MAR 15	207 000	1974
1975	---	15.9 ON APR 29	0.074E ON DEC 3	135 000	1975
1976	---	15.9 ON JUL 5	0.074E ON JAN 1	208 000	1976
1977	---	8.97 ON DEC 21	0.142E ON MAR 18	88 300	1977
1978	---	14.3 ON MAY 20	0.142E ON MAR 28	123 000	1978
1979	---	13.9 ON MAY 28	0.150E ON MAR 25	153 000	1979
1980	---	27.0 ON APR 17 *	0.150E ON FEB 9	232 000	1980
1981	---	14.9 ON FEB 28	0.050E ON FEB 24	206 000	1981
1982	---	13.9 ON JUN 22	0.200E ON NOV 17	178 000	1982
1983	---	15.4 ON APR 15	0.140E ON MAR 2	148 000	1983
1984	---	13.9 ON MAY 30	0.390 ON APR 21	159 000	1984
				171 000	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEVERN RIVER AT OUTLET OF MUSKRAT DAM LAKE - STATION NO. 04CA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	369	307	---	---	1965
1966	---	---	---	---	---	---	---	---	---	248	---	---	---	1966
1967	97.2	90.0	83.0	---	---	866	737	448	338	248	---	---	---	1967
1968	94.3	82.2	78.3	109	243	588	638	440	260	174	165	125	---	1968
1969	178	138	135	170	478	480	626	617	578	524	480	329	363	1969
1970	---	---	---	189	380	436	664	394	304	331	418	362	---	1970
1971	234	127	133	238	625	545	426	315	207	189	275	419	313	1971
1972	275	135	129	151	604	544	361	248	204	250	252	196	278	1972
1973	130	101	107	186	543	495	536	344	280	300	323	281	304	1973
1974	202	162	138	144	343	643	454	535	526	472	360	283	356	1974
1975	196	135	118	144	453	656	389	596	571	485	332	216	366	1975
1976	141	94.4	94.4	158	328	308	232	159	123	102	87.3	83.6	158	1976
1977	43.2	35.7	35.6	78.6	195	187	178	219	232	282	207	168	153	1977
1978	140	119	85.6	91.0	291	308	371	381	383	397	408	275	269	1978
1979	202	183	142	178	458	671	530	378	302	337	329	232	328	1979
1980	181	147	122	137	353	259	188	128	140	201	180	138	180	1980
1981	115	93.5	80.8	86.5	179	367	374	228	182	258	277	199	203	1981
1982	135	120	121	147	511	798	641	488	354	313	245	173	337	1982
1983	145	130	121	134	410	585	571	315	200	157	146	104	251	1983
1984	84.4	76.6	73.0	131	332	343	308	216	142	135	147	135	177	1984
MEAN	153	115	106	145	386	501	482	367	316	329	312	247	284	MEAN

LOCATION - LAT 53 29 27 N
LONG 91 30 55 W
DRAINAGE AREA, 38 500 km²
NATURAL FLOW

SEVERN RIVER AT OUTLET OF MUSKRAT DAM LAKE - STATION NO. 04CA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1965	---	---	---	---	1965
1966	---	574 ON JUN 15	---	---	1966
1967	---	---	---	---	1967
1968	---	697 ON JUL 27	77.9B ON MAR 26	11 500 000	1968
1969	---	1 190E ON OCT 20 *	133 B ON MAR 17	16 200 000	1969
1970	770 AT 17:00 CST ON JUL 8	759 ON JUL 8	---	---	1970
1971	---	680 ON MAY 12	113 B ON FEB 19	9 870 000	1971
1972	722 AT 20:53 CST ON MAY 22	716 ON MAY 22	122 B ON MAR 12	8 800 000	1972
1973	840 AT 00:00 CST ON MAY 24	637E ON MAY 23	98.1B ON FEB 19	9 570 000	1973
1974	687 AT 12:06 CST ON JUN 19	694 ON JUN 19	132 B ON MAR 21	11 200 000	1974
1975	691 AT 10:43 CST ON JUN 27	685 ON JUN 27	113 B ON MAR 5	11 600 000	1975
1976	379 AT 18:00 CST ON MAY 15	371 ON MAY 15	53.8B ON DEC 31	4 990 000	1976
1977	282 AT 15:10 EST ON OCT 24	272 ON OCT 24	33.7B ON MAR 13 *	4 830 000	1977
1978	---	459 ON NOV 12	84.7B ON APR 18	8 490 000	1978
1979	715 AT 05:01 EST ON JUN 7	702 ON JUN 7	134 B ON MAR 18	10 300 000	1979
1980	414 AT 13:00 EST ON MAY 18	405 ON MAY 18	102 ON SEP 2	5 690 000	1980
1981	489 AT 22:17 EST ON JUN 30	493 ON JUL 1	78.0B ON MAR 30	5 410 000	1981
1982	687 AT 15:41 EST ON JUN 15 *	682 ON JUN 15	115 B ON MAR 9	10 600 000	1982
1983	591 AT 14:53 EST ON JUN 29	583 ON JUN 29	91.6B ON DEC 31	7 910 000	1983
1984	407 AT 16:49 EST ON MAY 21	379 ON MAY 22	72.1B ON MAR 21	5 610 000	1984
				8 970 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEVERN RIVER AT SEVERN BRIDGE - STATION NO. 02EC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	68.5	68.0	120	223	118	76.1	48.7	28.5	23.1	18.2	25.4	36.2	70.5	1913
1914	27.0	27.0	26.4	87.4	65.1	30.4	27.8	---	---	---	---	34.1	---	1914
MEAN	47.8	48.0	73.2	155	91.6	53.3	37.3	28.5	23.1	18.2	25.4	35.2	70.5	MEAN

LOCATION - LAT 44 48 35 N
LONG 78 20 05 W
DRAINAGE AREA, 5 390 km²
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO HYDRO

SEVERN RIVER AT SEVERN BRIDGE - STATION NO. 02EC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1913	---	284 ON APR 1 *	7.36 ON OCT 23 *	2 220 000	1913
1914	---	---	---	---	1914
				2 220 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SEVERN RIVER AT SWIFT RAPIDS - STATION NO. 02EC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	20.2	27.7	32.9	---	1953
1954	30.4	39.6	109	155	103	57.1	26.8	23.2	38.2	142	108	82.9	76.4	1954
1955	72.4	49.4	72.1	176	62.2	26.3	22.7	24.1	25.2	28.1	62.0	45.3	55.3	1955
1956	38.4	33.6	42.0	120	131	87.7	72.8	39.6	42.8	28.1	30.8	31.8	58.3	1956
1957	27.8	27.8	69.4	85.0	38.5	35.6	101	29.4	32.3	44.5	69.8	77.4	53.4	1957
1958	50.3	41.4	43.4	48.7	22.9	20.2	20.7	19.2	22.1	23.9	23.6	24.7	30.0	1958
1959	22.9	21.6	30.3	146	108	84.8	27.8	21.1	22.9	22.1	39.1	52.1	48.3	1959
1960	43.9	63.2	65.3	228	210	128	83.0	35.6	23.9	18.1	25.6	21.0	78.6	1960
1961	18.9	15.2	38.6	78.0	50.0	34.7	31.7	30.9	40.8	30.9	29.9	37.3	36.5	1961
1962	30.7	30.1	48.0	94.9	30.6	19.7	15.4	13.0	10.1	16.4	30.1	28.6	30.8	1962
1963	28.4R	23.9R	38.0R	81.2R	70.5R	44.3R	15.0R	16.2R	17.0R	16.9R	23.0R	22.6R	33.2R	1963
1964	24.1R	28.2R	43.1R	84.6R	43.9R	22.2R	17.9R	14.9R	16.2R	16.2R	13.1R	27.1R	27.6R	1964
1965	22.9R	23.6R	27.1R	121 R	104 R	22.7R	13.5R	13.9R	17.1R	40.7R	50.9R	94.9R	46.1R	1965
1966	72.3R	64.4R	93.7R	56.2R	34.5R	55.6R	27.9R	17.5R	15.6R	14.4R	36.2R	92.8R	48.5R	1966
1967	51.3R	57.8R	57.3R	104 R	38.8R	81.6R	132 R	68.4R	35.6R	58.6R	124 R	117 R	78.1R	1967
1968	85.9R	108 R	67.4R	90.1R	29.4R	30.2R	28.0R	22.8R	22.2R	19.0R	21.2R	46.9R	48.0R	1968
1969	62.0R	65.4R	55.9R	126 R	155 R	51.0R	34.7R	18.1R	18.7R	17.2R	41.1R	30.4R	58.2R	1969
1970	25.6R	28.3R	31.4R	129 R	77.0R	29.5R	45.1R	38.6R	30.0R	34.8R	63.4R	74.2R	50.6R	1970
1971	47.6R	45.4R	48.3R	160 R	82.3R	22.4R	22.9R	21.1R	19.7R	25.2R	24.5R	35.2R	46.1R	1971
1972	28.8R	36.1R	64.7R	154 R	125 R	51.7R	30.7R	40.9R	34.2R	30.6R	62.1R	73.6R	61.0R	1972
1973	93.5R	79.8R	121 R	145 R	88.8R	42.0R	27.2R	27.8R	17.1R	19.7R	46.3R	75.5R	65.3R	1973
1974	56.2R	68.9R	80.9R	171 R	152 R	38.0R	30.9R	40.3R	29.5R	37.8R	78.4R	63.2R	70.5R	1974
1975	57.9R	53.4R	101 R	134 R	106 R	22.6R	14.8R	14.8R	14.8R	14.7R	18.1R	38.0R	48.0R	1975
1976	39.4R	62.7R	128 R	157 R	72.3R	25.7R	35.7R	34.3R	38.6R	33.6	34.9R	39.1R	58.3R	1976
1977	30.8R	30.4R	89.4R	79.5R	28.3R	16.5R	15.9R	19.3R	20.5R	48.1R	73.3R	84.0R	44.7R	1977
1978	79.1R	75.4R	59.9R	131 R	90.7R	42.0R	22.3R	19.7R	27.5R	26.4R	27.6	37.9R	53.1R	1978
1979	42.2	62.9R	136 R	129 R	105 R	40.3R	22.1R	18.7	20.1R	35.9R	84.4R	96.1R	64.5R	1979
1980	85.1R	29.9R	59.7R	188 R	83.0R	44.1R	46.9R	78.3R	45.3R	57.6R	84.3R	73.1R	69.8R	1980
1981	67.7R	101 R	105 R	73.6R	56.0R	40.7R	29.9R	25.9R	42.6R	43.5R	48.8R	57.6R	57.4R	1981
1982	52.6R	54.1R	59.8R	169 R	56.5R	59.8R	41.8R	30.7R	37.8R	39.4R	87.0R	131 R	86.5R	1982
1983	128	84.6	88.4	105	145	48.8	18.5	16.6	19.0	19.3	34.8	48.2	61.3	1983
1984	47.6	87.5	108	101	58.1	49.5	29.9	24.4	37.0	25.7	45.0	55.4	56.4	1984
MEAN	50.8R	51.7R	69.7R	123 R	81.9R	44.0R	35.7R	27.8R	26.9R	32.8R	47.1R	57.7R	54.2	MEAN

LOCATION - LAT 44 51 25 N, LONG 79 32 30 W
DRAINAGE AREA, 5 850 km²
REGULATED
DATA CONTRIBUTED BY - ORILLIA LIGHT AND POWER
R - REVISED SINCE JAN 1980

REMARKS - DATA FOR 1963-82 REVISED IN OCT 1983

SEVERN RIVER AT SWIFT RAPIDS - STATION NO. 02EC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1953	---	---	---	---	1953
1954	---	248 ON OCT 19	3.94 ON AUG 21	2 410 000	1954
1955	---	223 ON APR 24	8.69 ON SEP 25	1 740 000	1955
1956	---	201 ON MAY 4	13.6 ON OCT 28	1 840 000	1956
1957	---	187 ON JUL 3	11.0 ON JAN 19	1 680 000	1957
1958	---	97.4 ON JAN 1	4.87 ON SEP 28	948 000	1958
1959	---	207 ON APR 15	4.02 ON SEP 13	1 520 000	1959
1960	---	275 ON APR 18 *	1.87 ON OCT 30	2 480 000	1960
1961	---	111 ON APR 18	0.340 ON FEB 11	1 150 000	1961
1962	---	161 ON MAR 31	0.057 ON SEP 16	963 000	1962
1963	---	173 R ON APR 2	0 R ON SEP 1 *	1 050 000R	1963
1964	---	85.4R ON APR 17	0 R ON NOV 29	874 000R	1964
1965	---	193 R ON APR 17	0.540R ON FEB 7	1 450 000R	1965
1966	---	199 R ON DEC 10	1.19 ON AUG 1	1 530 000R	1966
1967	---	201 R ON JUL 5	7.38 ON OCT 1	2 480 000R	1967
1968	---	204 R ON APR 1	3.88 ON OCT 27	1 520 000R	1968
1969	---	208 R ON MAY 23	0 R ON OCT 26	1 770 000R	1969
1970	---	208 R ON APR 28	7.08 ON JUL 4	1 590 000R	1970
1971	---	280 R ON APR 20	0 R ON AUG 28	1 450 000R	1971
1972	---	259 R ON APR 22	3.68 ON OCT 21	1 830 000R	1972
1973	---	208 R ON APR 7	0 R ON SEP 15	2 080 000R	1973
1974	---	238 R ON APR 20	5.10 ON SEP 21	2 220 000R	1974
1975	---	214 R ON APR 25	2.97 R ON NOV 1	1 540 000R	1975
1976	---	241 R ON MAR 29	5.38 ON JUN 28	1 850 000R	1976
1977	---	188 R ON MAR 16	0 R ON JUN 18	1 410 000R	1977
1978	---	180 R ON APR 15	5.66 R ON AUG 20	1 870 000R	1978
1979	---	214 R ON MAR 28	8.50 ON JUL 14	2 030 000R	1979
1980	---	237 R ON APR 18	7.48 ON MAR 1	2 210 000R	1980
1981	---	208 R ON FEB 24	17.4 ON JUL 19	1 810 000R	1981
1982	---	221 R ON APR 21	18.5 ON JUN 5	2 100 000R	1982
1983	---	190 ON MAY 12	5.86 ON OCT 22	1 930 000	1983
1984	---	144 ON FEB 24	9.08 ON OCT 28	1 780 000	1984
				1 710 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

SEVERN RIVER AT WASHAGO - STATION NO. 02EC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	3.63	3.58	3.48	2.74	9.48	10.6	7.86	6.30	5.23	3.76	3.18	3.29	5.27	1963
1964	4.03	4.55	4.77	4.25	3.75	2.62	1.58	2.58	3.88	1.75	1.05	0.265	2.91	1964
1965	0.623	0.624	1.00	1.10	4.63	8.68	7.44	6.12	5.64	5.07	3.98	6.59	4.32	1965
1966	5.35	5.32	5.16	4.78	4.11	4.27	3.41	2.62	1.96	1.59	1.63	2.62	3.65	1966
1967	4.86	5.13	3.52	3.60	3.32	11.2	11.7	8.28	6.20	6.22	6.97	6.61	6.48	1967
1968	5.45	4.10	2.67	8.43	5.97	5.88	5.07	4.18	3.61	2.95	2.62	5.44	4.70	1968
1969	4.58	4.08	2.48	5.79	10.2	6.96	3.65	3.17	2.09	1.33	1.45	1.60	3.94	1969
1970	3.43	3.43	3.42	4.96	8.10	5.35	5.35	4.54	3.90	3.83	4.61	4.62	4.64	1970
1971	4.08	4.10	4.89	9.49	10.2	7.73	7.75	5.86	4.92	3.75	2.38	2.38	5.63	1971
1972	3.02	4.02	4.53	8.36	12.7	11.1	10.6	7.83	5.67	4.51	5.03	4.43	6.83	1972
1973	4.04	4.29	3.55	10.2	10.7	11.0	9.53	8.54	5.80	4.61	5.59	5.34	6.94	1973
1974	5.09	5.55	7.65	10.8	10.9	10.7	10.9	8.49	6.37	5.14	5.60	5.31	7.72	1974
1975	4.85	4.78	6.52	9.75	10.9	10.7	9.11	7.20	6.31	5.03	4.51	3.16	6.91	1975
1976	4.84	4.28	5.53	9.29	11.4	10.8	10.5	8.07	6.75	5.42	5.10	4.91	7.24	1976
1977	4.81	4.24	3.47	7.83	11.1	9.78	8.96	8.01	7.07	5.90	5.58	5.90	6.90	1977
1978	5.35	3.45	2.45	4.49	8.85	10.9	8.33	6.47	4.81	4.00	3.40	3.58	5.52	1978
1979	4.34	4.23	4.61	11.1	11.5	10.0	8.55	8.49	6.28	4.64	5.48	6.17	7.13	1979
1980	6.43	6.22	7.67	11.0	10.7	9.85	9.01	8.36	5.53	5.08	5.21	6.42	7.63	1980
1981	5.75	5.62	8.30	9.63	10.5	10.5	8.71	7.29	5.39	4.85	4.95	5.31	7.33	1981
1982	4.40	3.55	3.37	7.32	10.5	11.1	9.42	7.63	5.86	5.06	6.05	8.57	6.92	1982
1983	7.43	6.21	8.02	10.5	10.4	9.56	7.68	6.16	4.60	3.99	3.55	4.44	6.86	1983
1984	4.48	4.18	5.15	9.26	10.8	10.8	9.18	6.57	5.07	3.76	3.61	4.18	6.43	1984
MEAN	4.84	4.34	4.65	7.49	9.12	9.10	7.92	6.49	5.18	4.19	4.16	4.61	6.00	MEAN

LOCATION - LAT 44 45 50 N
LONG 79 19 49 W REGULATED

SEVERN RIVER AT WASHAGO - STATION NO. 02EC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	12.7 ON MAY 20	1.93 ON NOV 3	166 000	1963
1964	---	5.66 ON APR 8	0 ON NOV 30 *	92 100	1964
1965	---	10.3 ON MAY 21	0.623E ON JAN 1	136 000	1965
1966	---	7.05 ON JAN 3	1.14 ON NOV 15	115 000	1966
1967	---	13.8 ON JUL 2	2.00 ON MAY 28	204 000	1967
1968	---	11.0 ON APR 13	1.16 ON APR 1	149 000	1968
1969	---	11.4 ON APR 26	1.16 ON APR 10	124 000	1969
1970	---	11.0 ON MAY 1	2.12 ON APR 6	146 000	1970
1971	---	11.6 ON APR 26	1.43 ON NOV 22	178 000	1971
1972	---	13.9 ON MAY 16 *	2.74 E ON JAN 1	216 000	1972
1973	---	12.6 ON JUN 8	2.61 ON MAR 8	219 000	1973
1974	---	12.6 ON JUL 3	4.33 ON OCT 2	243 000	1974
1975	---	12.9 ON APR 29	2.00 ON DEC 11	218 000	1975
1976	---	12.6 ON APR 16	1.02 ON APR 3	229 000	1976
1977	---	12.2 ON APR 18	1.07 E ON APR 11	218 000	1977
1978	---	13.3 ON MAY 15	0.974 ON MAY 1	174 000	1978
1979	---	12.9 ON APR 17	3.42 ON MAR 9	225 000	1979
1980	---	13.0 ON APR 15	4.33 ON NOV 12	241 000	1980
1981	---	11.4 ON APR 14	4.28 ON NOV 9	231 000	1981
1982	---	13.0 ON DEC 31	2.75 ON MAR 11	218 000	1982
1983	---	12.9 ON MAY 2	2.03 ON NOV 12	217 000	1983
1984	---	12.0 ON MAY 30	2.96 ON NOV 12	204 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		189 000	MEAN

E - ESTIMATED

SEVERN RIVER BELOW OUTLET OF DEER LAKE - STATION NO. 04CA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	12.1	11.1	11.0	---	1967
1968	10.8	10.5	10.0	10.3	21.0	62.2	77.9	67.0	58.7	61.2	61.1	43.5	41.3	1968
1969	33.8	26.8	19.9	20.4	51.9	64.2	67.5	82.6	107	126	85.8	66.7	62.9	1969
1970	48.6	33.3	18.3	12.9	22.8	30.5	35.9	26.5	16.0	13.3	21.5	27.3	25.7	1970
1971	26.2	20.2	15.7	20.2	82.1	51.0	38.9	35.4	24.8	18.0	17.3	17.9	28.0	1971
1972	18.7	17.7	14.9	14.3	65.8	60.7	32.5	21.2	14.7	17.2	18.2	17.3	26.1	1972
1973	15.9	15.3	13.8	15.5	57.2	53.6	51.8	30.8	18.8	22.4	27.6	26.5	29.3	1973
1974	22.5	20.0	16.8	15.2	43.1	84.3	35.8	25.9	39.4	47.4	34.1	26.4	32.6	1974
1975	20.3	17.8	14.1	13.8	42.1	90.8	62.5	66.0	73.9	47.8	30.6	22.3	42.1	1975
1976	17.0	15.4	13.4	17.3	43.1	34.5	20.7	12.7	7.28	4.40	3.22	3.23	16.0	1976
1977	3.70	4.08	4.34	5.82	16.5	17.0	19.6	22.6	29.1	33.1	26.2	21.4	17.0	1977
1978	18.5	14.3	11.4	11.8	30.3	33.2	33.9	36.3	49.4	45.7	33.9	28.4	28.8	1978
1979	22.5	18.7	15.3	16.9	70.1	87.8	51.8	28.6	20.7	20.7	23.6	24.6	33.3	1979
1980	21.0	17.5	14.7	15.6	32.2	28.9	19.3	13.2	11.4	13.6	13.8	13.4	17.9	1980
1981	13.1	11.6	10.0	9.46	16.6	35.5	48.5	28.0	19.3	21.2	24.5	24.8	22.1	1981
1982	21.1	17.2	15.0	16.7	59.8	78.0	57.8	44.1	31.0	22.1	19.1	18.6	33.5	1982
1983	19.2	17.3	14.9	14.8	41.4	59.9	71.8	39.5	21.7	13.5	10.4	9.50	27.9	1983
1984	9.71	8.95	8.48	10.3	25.8	36.0	33.6	23.1	13.6	10.4	11.3	14.0	17.1	1984
MEAN	20.2	16.9	13.6	14.2	41.3	52.2	44.7	35.6	32.8	30.8	28.3	23.0	29.6	MEAN

LOCATION - LAT 52 40 30 N
LONG 93 59 50 W NATURAL FLOW

SEVERN RIVER BELOW OUTLET OF DEER LAKE - STATION NO. 04CA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	---	---	---	1967
1968	84.4 AT 12:45 CST ON JUL 14 *	80.7 ON JUL 14	9.60B ON APR 11	1 310 000	1968
1969	---	144 E ON OCT 12 *	13.9 ON APR 11	1 980 000	1969
1970	---	57.8E ON JAN 1	11.3 E ON APR 24	810 000	1970
1971	68.8 AT 06:06 CST ON MAY 27	67.7 ON MAY 21	13.7 ON APR 13	915 000	1971
1972	82.4 AT 23:28 CST ON MAY 22	81.8 ON MAY 25	13.0 ON APR 8	826 000	1972
1973	67.4 AT 15:24 CST ON MAY 20	67.1 ON MAY 20	12.5 ON APR 4	924 000	1973
1974	71.6 AT 18:05 CST ON JUN 1	71.1 ON JUN 1	13.9 ON APR 16	1 030 000	1974
1975	---	98.3E ON JUN 24	13.1 ON APR 8	1 330 000	1975
1976	49.8 AT 16:37 CST ON MAY 19	48.1 ON MAY 19	2.97 ON DEC 2 *	507 000	1976
1977	34.3 AT 20:35 EST ON OCT 13	34.3 ON OCT 7	3.48 ON JAN 10	537 000	1977
1978	56.1 AT 18:30 EST ON SEP 23	55.2 ON SEP 23	10.5 ON MAR 17	810 000	1978
1979	---	102 E ON MAY 28	13.5 ON APR 12	1 050 000	1979
1980	36.9 AT 03:30 EST ON MAY 27	36.9 ON MAY 26	10.2 E ON SEP 1	568 000	1980
1981	---	54.5E ON JUL 1	6.87 ON MAY 4	898 000	1981
1982	81.6 AT 19:01 EST ON JUN 10	81.3 ON JUN 10	13.8 E ON APR 5	1 050 000	1982
1983	82.0 AT 08:33 EST ON JUL 2	81.5E ON JUL 3	9.14 ON DEC 20	880 000	1983
1984	---	37.6 ON JUN 8	7.91 ON MAR 15	542 000	1984
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		834 000	MEAN

SEVERN RIVER BELOW WASHAGO - STATION NO. 02EC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	18.2 R	17.9 R	14.5 R	7.09R	21.7 R	32.0R	15.3R	12.4R	12.6R	12.2 R	11.8 R	8.44R	15.1R	1963
1964	10.3 R	7.71R	8.54R	9.52R	8.36R	12.3R	16.2R	15.2R	17.2R	13.5 R	17.2 R	13.0 R	12.4R	1964
1965	5.15R	5.22R	6.72R	22.1 R	54.7 R	16.8R	12.5R	12.8R	12.9R	9.10R	10.4 R	38.9 R	17.4R	1965
1966	41.1 R	39.9 R	33.3 R	11.6 R	10.3 R	24.9R	25.7R	17.0R	15.2R	12.1 R	5.32R	6.11R	20.1R	1966
1967	23.4 R	31.8 R	37.0 R	7.49R	8.27R	50.3R	89.8R	64.2R	30.2R	26.4 R	46.8 R	61.4 R	39.9R	1967
1968	59.2 R	49.9 R	22.9 R	19.5 R	14.9 R	25.7R	26.2R	22.9R	22.1R	19.3 R	15.8 R	20.3 R	26.5R	1968
1969	46.5 R	49.2 R	22.1 R	28.1 R	78.2 R	26.0R	16.1R	17.2R	18.7R	14.7 R	8.41R	7.51R	27.8R	1969
1970	14.9 R	15.0 R	15.3 R	31.4 R	26.0 R	18.5R	31.1R	34.2R	23.9R	17.9 R	26.7 R	41.4 R	25.1R	1970
1971	30.0 R	29.2 R	20.1 R	28.8 R	33.6 R	14.1R	20.5R	23.5R	21.2R	26.0 R	17.7 R	7.83R	22.7R	1971
1972	6.92R	20.3 R	52.5 R	38.0 R	58.5 R	38.0R	24.7R	38.2R	31.4R	16.6 R	23.8 R	46.6 R	33.2R	1972
1973	45.4 R	41.3 R	18.8 R	68.2 R	50.5 R	22.5R	24.1R	22.6R	17.7R	15.2 R	15.7 R	41.0 R	31.9R	1973
1974	31.3 R	42.5 R	32.8 R	56.6 R	73.2 R	26.1R	26.9R	36.8R	24.3R	11.5 R	26.7 R	31.4 R	35.0R	1974
1975	29.1 R	28.8 R	52.8 R	38.5 R	51.5 R	17.3R	15.0	15.8R	13.6R	11.1 R	9.89R	4.17R	24.0R	1975
1976	22.5 R	49.5 R	45.2 R	45.0 R	57.9 R	19.7R	35.6R	36.0R	40.3R	31.0 R	21.0 R	20.6 R	35.3R	1976
1977	22.6 R	23.9 R	16.8 R	18.5 R	20.4 R	16.8R	17.4R	19.9R	21.4R	40.8 R	39.1 R	45.3 R	25.3R	1977
1978	53.2 R	46.3 R	41.9 R	36.5 R	42.0 R	31.3R	19.6R	16.9R	25.6R	22.4 R	12.6 R	10.7 R	30.0R	1978
1979	14.8 R	48.2	40.2 R	34.0 R	66.3 R	35.7R	21.8R	19.4R	21.4R	21.1 R	17.9 R	27.7 R	30.8R	1979
1980	48.9 R	12.1 R	15.2 R	77.8 R	38.1 R	22.1R	28.2R	63.4R	37.7R	19.6 R	19.3 R	28.5 R	34.5R	1980
1981	52.0 R	48.7 R	43.2 R	21.3 R	23.5 R	28.0R	23.8R	21.0R	35.2R	28.6 R	26.8 R	30.8 R	31.8R	1981
1982	37.7	45.1	44.1 R	37.2 R	17.1	42.9	33.2	27.1	31.3	25.8	14.2	37.4	32.7R	1982
1983	59.7	52.2	17.3	45.0	59.0	26.8	17.5	16.8	21.4	17.1	11.4	16.0	29.9	1983
1984	31.4	43.1	47.7	28.6	24.5	35.0	25.6	25.7	34.9	21.1	10.5	8.30	28.0	1984
MEAN	32.0 R	34.2 R	29.6 R	32.3 R	38.2 R	26.5R	25.9R	26.2R	24.1R	19.7 R	18.6 R	25.1 R	27.7	MEAN

LOCATION - LAT 44 45 16 N
LONG 79 19 08 W REGULATED

R - REVISED SINCE JAN 1980

REMARKS - DATA IS SUMMATION OF FLOWS AT STATIONS 02EC005, 02EC006, 02EC007 AND 02EC013 DATA REVISED OCT 1983 USING NEW INFORMATION

SEVERN RIVER BELOW WASHAGO - STATION NO. 02EC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	38.6 ON JUN 6	4.43R ON MAY 1	478 000R	1963
1964	---	26.2 ON NOV 23	3.09 ON DEC 27	393 000R	1964
1965	---	67.2R ON MAY 27	3.54R ON JAN 1	548 000R	1965
1966	---	45.6 ON JAN 3	2.57R ON NOV 18 *	834 000R	1966
1967	---	105 R ON JUL 2 *	4.31R ON APR 11	1 280 000R	1967
1968	---	68.1R ON JAN 3	4.35R ON MAR 21	838 000R	1968
1969	---	85.8 ON MAY 15	5.44R ON APR 10	871 000R	1969
1970	---	58.2 ON APR 23	8.72 ON MAR 28	781 000R	1970
1971	---	53.0 ON APR 14	4.82R ON DEC 10	718 000R	1971
1972	---	88.0R ON MAY 18	5.05R ON JAN 1	1 050 000R	1972
1973	---	84.6R ON APR 18	5.45 ON MAR 17	1 010 000R	1973
1974	---	88.8R ON APR 16	10.2 ON OCT 21	1 100 000R	1974
1975	---	78.8R ON MAY 8	2.78 ON DEC 11	758 000R	1975
1976	---	63.0R ON APR 18	3.56R ON JAN 1	1 120 000R	1976
1977	---	55.7R ON DEC 23	4.39 ON MAR 19	787 000R	1977
1978	---	85.2 ON MAY 20	5.25R ON MAY 1	948 000R	1978
1979	---	79.0R ON MAY 16	11.3 ON JAN 11	985 000R	1979
1980	---	84.5R ON APR 17	8.08R ON FEB 8	1 080 000R	1980
1981	---	74.7R ON MAR 3	14.4 ON APR 8	1 000 000R	1981
1982	---	83.1 ON JUN 22	10.7 ON NOV 9	1 030 000R	1982
1983	---	76.4 ON APR 18	5.74 ON NOV 17	843 000	1983
1984	---	58.4 ON JUN 4	5.88 ON DEC 15	885 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980		874 000R	MEAN

SHAMATTAWA RIVER AT OUTLET OF SHAMATTAWA LAKE - STATION NO. 04DC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	47.4	20.1	8.80	8.80	13.9	8.80	---	1967
1968	4.96	2.57	2.21	25.5	159	36.9	12.9	32.2	20.2	86.3	89.7	19.4	41.1	1968
1969	7.18	5.17	4.09	3.56	156	117	34.0	12.7	30.8	75.9	27.7	15.6	41.1	1969
1970	8.81	5.52	3.89	3.19	84.9	131	51.2	42.8	120	135	59.9	20.2	55.7	1970
1971	9.09	5.86	4.59	8.80	250	58.3	39.4	---	---	---	88.4	30.9	---	1971
1972	11.2	4.10	1.63	1.23	182	87.4	42.3	19.7	61.3	112	35.2	15.6	46.4	1972
1973	7.85	5.69	5.23	5.88	215	135	111	13.0	20.6	45.2	26.1	9.36	50.4	1973
1974	5.75	4.21	3.31	2.76	88.0	184	57.2	23.4	53.7	34.3	12.5	5.86	40.4	1974
1975	4.86	4.35	3.99	4.87	144	74.5	55.7	142	72.5	85.2	34.1	11.2	61.9	1975
1976	5.54	3.38	2.56	8.26	188	88.2	20.7	5.98	2.16	2.84	2.52	1.81	27.9	1976
1977	1.41	1.19	1.18	33.5	80.0	26.7	4.89	11.2	41.8	28.6	14.4	6.61	19.3	1977
1978	4.29	3.31	2.72	2.31	103	85.4	85.8	112	73.2	54.8	39.7	14.0	47.0	1978
1979	7.11	4.41	3.86	105	174	80.3	15.8	22.5	17.8	23.2	40.4	14.8	41.0	1979
1980	7.90	4.58	2.46	2.54	222	82.1	46.6	37.2	52.0	102	28.1	10.5	50.3	1980
1981	6.27	5.08	4.37	3.90	208	112	17.1	13.2	17.1	41.2	23.0	7.66	36.5	1981
1982	4.85	3.71	2.98	2.65	205	80.6	56.6	74.0	72.2	71.5	31.6	13.0	52.1	1982
1983	8.05	5.18	2.98	2.07	157	45.0	45.3	18.6	24.1	48.0	30.2	12.9	33.6	1983
1984	8.58	3.84	2.37	88.8	121	26.4	12.2	5.38	7.73	13.4	8.09	6.19	23.5	1984
MEAN	6.55	4.23	3.20	16.6	159	84.9	41.0	35.6	41.0	55.6	33.6	12.5	41.3	MEAN

LOCATION - LAT 54 17 00 N LONG 85 38 00 W
DRAINAGE AREA, 4 710 km²
NATURAL FLOW

SHAMATTAWA RIVER AT OUTLET OF SHAMATTAWA LAKE - STATION NO. 04DC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1967	---	---	---	---	1967
1968	---	213 ON MAY 18	1.84 ON APR 11	1 300 000	1968
1969	---	255E ON MAY 20	3.40B ON APR 22	1 300 000	1969
1970	---	280E ON MAY 27	3.03B ON APR 28	1 760 000	1970
1971	---	---	---	---	1971
1972	263E ON MAY 17	263E ON MAY 17	1.19B ON APR 8	1 470 000	1972
1973	530 AT 20:48 EST ON MAY 24 *	530 ON MAY 24 *	4.96B ON APR 8	1 590 000	1973
1974	243 AT 08:57 EST ON JUN 23	240 ON JUN 22	2.81B ON APR 22	1 280 000	1974
1975	---	243E ON MAY 7	3.71B ON APR 18	1 640 000	1975
1976	---	348E ON MAY 19	1.50 ON SEP 21	884 000	1976
1977	138 AT 12:20 EST ON APR 28	135 ON APR 28	1.15B ON MAR 3 *	808 000	1977
1978	208 AT 23:38 EST ON MAY 19	204 ON MAY 20	2.18B ON APR 25	1 480 000	1978
1979	398 AT 16:08 EST ON APR 25	384 ON APR 25	3.20B ON MAR 17	1 290 000	1979
1980	384 AT 01:17 EST ON MAY 6	380 ON MAY 6	1.76B ON APR 6	1 590 000	1980
1981	410 AT 19:59 EST ON MAY 17	407 ON MAY 17	3.60B ON APR 15	1 210 000	1981
1982	---	380E ON MAY 11	2.50B ON APR 28	1 540 000	1982
1983	---	380B ON MAY 14	1.98B ON APR 19	1 060 000	1983
1984	270 AT 18:46 EST ON APR 30	269 ON APR 30	1.68B ON APR 12	744 000	1984
				1 300 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SHAWANAGA RIVER AT HIGHWAY NO. 69 - STATION NO. 02EA012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	20.4	7.77	3.10	0.850	0.093	0.080	2.07	9.03	3.53	---	1974
1975	4.54	2.98	4.37	14.8	6.47	1.00	0.184	0.045	2.78	2.20	4.81	9.61	4.48	1975
1976	2.75	3.02	12.3	13.9	3.91	1.26	0.484	0.083	0.044	0.053	0.867	1.94	3.36	1976
1977	1.44	1.23	4.07	11.6	1.58	0.256	0.039	0.020	0.607	4.06	8.42	6.70	3.33	1977
1978	2.58	1.55	1.28	16.4	5.07	1.38	---	---	---	---	---	---	---	1978
MEAN	2.82	2.20	5.51	15.4	4.96	1.41	0.378	0.060	0.883	2.10	5.73	5.45	3.72	MEAN

LOCATION - LAT 45 32 58 N LONG 80 17 05 W
DRAINAGE AREA, 235 km²
NATURAL FLOW

SHAWANAGA RIVER AT HIGHWAY NO. 69 - STATION NO. 02EA012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	48.1 AT 03:46 EST ON APR 18 *	47.3 ON APR 18 *	0.077 ON SEP 18	---	1974
1975	37.9 AT 14:56 EST ON APR 25	37.7 ON APR 25	0.005 ON AUG 24	141 000	1975
1976	37.1 AT 02:34 EST ON APR 2	36.5 ON APR 2	0.026 ON SEP 8	108 000	1976
1977	---	22.1B ON APR 5	0.003 ON JUL 28 *	108 000	1977
1978	27.8 AT 18:12 EST ON APR 21	27.8 ON APR 21	---	---	1978
				117 000	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SHEBANDOWAN RIVER AT GLENWATER - STATION NO. 02AB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1923	---	---	---	---	---	---	---	---	13.2	8.35	8.83	9.91	---	1923
1924	5.80	3.88	3.11	8.49	12.8	8.38	18.3	11.0	20.6	21.7	21.4	10.7	12.3	1924
1925	9.08	5.78	4.73	21.6	18.6	36.4	15.0	13.3	17.7	15.3	13.6	9.91	15.1	1925
1926	8.07	5.66	6.37	11.3	19.5	30.1	46.0	32.3	22.3	22.3	17.4	17.5	19.9	1926
1927	11.5	10.5	13.1	50.3	108	50.8	26.2	11.2	9.60	17.6	11.2	6.87	27.5	1927
1928	5.67	4.31	3.76	5.36	25.9	26.7	18.8	13.3	21.5	20.9	15.9	12.2	14.6	1928
1929	7.03	5.35	7.50	28.3	24.0	26.6	16.0	4.98	8.23	9.46	14.7	11.9	13.9	1929
1930	8.62	6.75	3.46	7.69	25.9	32.6	22.6	11.7	6.70	7.06	4.50	7.79	12.2	1930
1931	3.99	5.59	3.24	7.78	24.0	37.6	18.5	1.12	0.754	6.04	11.4	---	---	1931
1932	---	---	---	---	55.6	32.8	24.0	11.8	2.70	2.21	6.88	1.81	---	1932
1933	1.02	0.821	7.02	37.9	54.2	25.2	11.5	8.67	6.84	12.0	---	---	---	1933
1934	---	---	---	---	107	46.1	22.7	11.4	11.1	13.6	15.6	11.0	---	1934
1935	10.1	13.5	16.5	51.3	70.2	37.8	21.1	16.1	10.2	9.76	11.7	10.4	23.3	1935
1936	9.06	8.01	7.48	12.7	91.1	38.6	12.3	6.42	3.89	5.11	7.25	5.23	17.3	1936
1937	5.24	6.32	13.9	36.9	88.7	50.8	17.3	12.5	12.0	15.8	14.4	7.56	23.4	1937
1938	7.28	11.4	9.66	51.2	89.5	62.7	29.2	17.1	8.10	4.41	7.80	5.09	25.2	1938
1939	5.41	7.24	17.4	37.2	52.9	36.9	50.7	18.3	7.09	7.78	5.97	7.32	21.1	1939
1940	7.90	7.37	6.38	4.17	17.8	32.6	18.1	8.06	4.36	3.78	9.10	9.05	10.8	1940
1941	8.15	7.88	8.97	32.3	22.9	42.4	9.83	18.3	51.5	58.3	28.6	9.27	24.8	1941
1942	12.4	10.3	8.54	17.8	58.4	31.1	29.9	16.7	7.35	9.19	11.2	11.0	18.7	1942
1943	11.2	12.8	16.8	24.4	40.3	115	50.4	18.9	14.2	14.4	22.5	18.4	29.8	1943
1944	10.2	10.2	13.6	30.9	79.0	84.4	51.7	59.9	27.2	16.0	23.7	20.5	35.7	1944
1945	18.5	13.8	19.6	84.0	26.4	23.5	25.1	17.6	15.0	8.48	7.15	7.82	20.1	1945
1946	8.04	13.0	18.7	42.3	37.2	28.6	29.6	9.74	12.0	33.1	33.2	21.0	23.9	1946
1947	18.6	14.2	15.8	11.9	70.8	115	34.6	19.6	17.8	14.0	14.2	9.85	29.8	1947
1948	8.90	13.2	15.6	38.8	43.7	23.8	12.1	25.1	13.4	4.08	6.12	10.2	18.0	1948
1949	11.9	11.8	14.5	30.8	31.2	23.9	21.0	12.0	8.60	18.7	14.4	16.8	18.0	1949
1950	15.5	13.3	13.6	29.4	181	93.3	79.5	37.1	29.5	42.7	23.5	22.9	49.6	1950
1951	19.7	14.7	19.8	36.0	155	44.7	25.3	14.4	23.1	31.1	24.4	23.5	36.2	1951
1952	15.0	15.8	18.0	50.4	42.2	27.1	50.3	24.6	24.7	10.6	15.4	13.0	26.6	1952
1953	11.5	11.9	13.0	24.3	42.7	83.2	29.0	15.8	14.6	14.3	11.9	12.5	23.7	1953
1954	11.1	14.6	12.1	30.6	123	58.9	21.1	9.60	9.08	9.10	7.32	7.58	26.2	1954
1955	9.48	9.10	12.7	34.1	16.7	7.19	7.28	4.25	7.44	12.7	14.8	13.9	12.4	1955
1956	14.2	14.6	11.5	21.5	67.1	46.1	23.3	10.6	4.84	2.21	8.05	6.67	18.4	1956
1957	8.24	10.1	13.7	44.1	46.0	46.1	37.2	8.92	9.58	---	---	---	---	1957
MEAN	9.92	9.80	11.5	29.2	58.2	44.3	27.2	15.8	13.6	14.8	14.0	11.5	22.4	MEAN

LOCATION - LAT 48 32 36 N LONG 89 47 00 W DRAINAGE AREA, 2 560 km² REGULATED

SHEBANDOWAN RIVER AT GLENWATER - STATION NO. 02AB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1923	---	---	---	---	1923
1924	---	79.3 ON SEP 22	2.63 ON JUL 3	388 000	1924
1925	---	75.6 ON APR 25	4.73 B ON MAR 1	476 000	1925
1926	---	93.7 ON JUL 10	4.86 ON MAY 28	626 000	1926
1927	---	176 ON MAY 15	6.26 B ON DEC 30	867 000	1927
1928	---	45.6 ON MAY 4	3.17 B ON MAR 20	461 000	1928
1929	---	67.7 ON APR 8	0.463 ON SEP 2	437 000	1929
1930	---	56.9 ON JUN 14	0.7858 ON NOV 11	384 000	1930
1931	---	66.0 ON MAY 28	0.311 ON AUG 27 *	---	1931
1932	---	---	---	---	1932
1933	---	100 ON MAY 1	---	---	1933
1934	---	155 B ON MAY 12	---	---	1934
1935	---	185 ON APR 27	4.84 ON SEP 23	733 000	1935
1936	---	162 ON MAY 8	2.27 ON SEP 12	648 000	1936
1937	---	143 ON MAY 1	5.24 B ON JAN 1	738 000	1937
1938	---	181 ON MAY 2	1.27 ON OCT 29	788 000	1938
1939	---	138 ON APR 30	3.03 ON OCT 3	687 000	1939
1940	---	43.0 ON JUN 13	0.785 ON APR 28	334 000	1940
1941	---	128 ON JUN 8	3.81 B ON APR 8	778 000	1941
1942	---	80.0 ON MAY 16	4.67 ON APR 9	581 000	1942
1943	---	208 ON JUN 16	6.14 ON AUG 22	934 000	1943
1944	---	175 ON MAY 14	7.85 B ON JAN 30	1 130 000	1944
1945	---	148 ON APR 13	4.25 ON AUG 28	635 000	1945
1946	---	75.9 ON APR 24	3.82 ON SEP 3	784 000	1946
1947	---	328 ON JUN 11	7.25 ON APR 14	934 000	1947
1948	---	112 ON APR 27	3.26 ON OCT 9	570 000	1948
1949	---	85.4 ON MAY 6	6.77 ON SEP 11	687 000	1949
1950	---	357 ON MAY 12	13.3 B ON FEB 1	1 580 000	1950
1951	---	385 ON MAY 2 *	9.84 ON AUG 28	1 140 000	1951
1952	---	160 ON APR 22	8.58 ON OCT 20	837 000	1952
1953	---	187 ON JUN 1	9.85 B ON JAN 7	749 000	1953
1954	---	223 ON MAY 2	8.31 B ON DEC 5	828 000	1954
1955	---	84.7 ON APR 18	3.57 ON AUG 11	382 000	1955
1956	---	127 ON JUN 1	1.42 ON OCT 8	814 000	1956
1957	---	198 ON APR 26	---	---	1957
				708 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SHEBANDOWAN RIVER AT OUTLET OF SHEBANDOWAN LAKE - STATION NO. 02AB011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1924	---	---	---	---	---	---	5.71R	4.08 R	1.14 R	2.48 R	10.0 R	7.52 R	---	1924
1925	5.82 R	3.77R	2.70 R	0 R	2.72 R	7.05 R	2.23R	6.79 R	11.5 R	9.35 R	8.40 R	7.03 R	5.70R	1925
1926	5.54 R	4.33R	3.87 R	1.77 R	0 R	4.29 R	7.62R	21.1 R	3.97 R	0.284R	5.96 R	9.79 R	5.74R	1926
1927	7.24 R	6.42R	9.81 R	10.5 R	35.9 R	20.7 R	4.50R	4.30 R	5.98 R	9.76 R	7.76 R	5.48 R	10.7 R	1927
1928	3.75 R	2.20R	2.01 R	0.271R	2.25 R	5.47 R	3.20R	7.30 R	9.38 R	9.60 R	7.47 R	5.10 R	4.92R	1928
1929	5.44 R	4.07R	3.78 R	0.830R	6.88 R	8.46 R	5.45R	1.20 R	0.658R	1.10 R	5.10 R	4.62 R	3.80R	1929
1930	4.68 R	2.52R	0.701R	0 R	0.113R	4.14 R	8.42R	7.67 R	3.56 R	0 R	0.949R	3.50 R	2.87R	1930
1931	2.54 R	1.85R	1.07 R	1.17 R	3.44 R	11.6 R	10.1 R	0.010R	0 R	0 R	2.14 R	8.37 R	3.54R	1931
1932	8.49 R	8.53R	10.7 R	2.55 R	13.0 R	19.4 R	11.0 R	3.28 R	0 R	0 R	0.118R	0.430R	6.45R	1932
1933	0.870R	1.24R	4.52 R	8.46 R	10.4 R	6.85 R	4.87R	5.61 R	2.99 R	2.85 R	3.78 R	4.80 R	4.80R	1933
1934	7.71 R	10.1 R	13.0 R	2.23 R	37.7 R	25.2 R	12.5 R	6.63 R	3.37 R	0.039R	4.56 R	4.72 R	10.7 R	1934
1935	5.39 R	7.31R	10.3 R	2.89 R	15.5 R	15.8 R	10.3 R	8.59 R	1.05 R	0.203R	3.98 R	7.19 R	7.39R	1935
1936	7.36 R	8.08R	11.2 R	6.01 R	10.9 R	16.4 R	8.99R	2.82 R	0 R	1.57 R	3.02 R	2.72 R	6.42R	1936
1937	2.44 R	4.54R	7.37 R	2.46 R	18.8 R	20.1 R	4.91R	5.75 R	6.69 R	1.04 R	0.748R	2.35 R	8.44R	1937
1938	5.11 R	9.05R	8.85 R	5.79 R	28.1 R	25.6 R	14.3 R	5.49 R	1.56 R	1.69 R	0.136R	2.59 R	8.84R	1938
1939	4.18 R	6.25R	12.4 R	9.40 R	5.18 R	13.4 R	29.3 R	7.80 R	2.58 R	0.682R	1.83 R	4.21 R	8.11R	1939
1940	5.76 R	5.64R	5.45 R	1.41 R	0.942R	3.24 R	8.15R	1.89 R	2.30 R	1.88 R	3.63 R	5.66 R	4.40R	1940
1941	7.73 R	7.31R	6.31 R	1.10 R	2.82 R	0.693R	2.29R	12.5 R	12.7 R	28.7 R	11.8 R	10.1 R	8.72R	1941
1942	10.8 R	7.33R	4.98 R	0.564R	10.1 R	7.38 R	13.4 R	10.8 R	2.34 R	1.04 R	4.15 R	7.79 R	6.76R	1942
1943	10.5 R	11.7 R	11.4 R	2.48 R	2.43 R	42.8 R	30.9 R	8.09 R	0.879R	2.31 R	7.99 R	8.23 R	11.6 R	1943
1944	7.78 R	7.98R	7.98 R	4.77 R	15.3 R	31.0 R	24.7 R	27.3 R	9.14 R	2.55 R	3.49 R	6.18 R	12.4 R	1944
1945	7.24 R	8.48R	7.01 R	11.5 R	5.70 R	9.18 R	7.87R	8.11 R	0.425R	0.765R	1.08 R	2.51 R	5.87R	1945
1946	5.32 R	7.07R	4.83 R	2.26 R	9.85 R	8.37 R	11.0 R	4.86 R	2.61 R	1.88 R	7.01 R	7.05 R	5.83R	1946
1947	6.20 R	7.49R	9.43 R	2.88 R	2.84 R	23.9 R	12.4 R	7.30 R	4.61 R	5.04 R	4.65 R	4.64 R	7.58R	1947
1948	4.49 R	8.21R	7.89 R	2.95 R	3.94 R	8.93 R	4.11R	8.04 R	5.47 R	0.810R	1.43 R	4.62 R	4.74R	1948
1949	6.16 R	6.51R	6.20 R	1.21 R	0.905R	8.85 R	8.92R	3.99 R	2.40 R	0.744R	2.16 R	6.43 R	4.53R	1949
1950	6.32 R	5.54R	4.80 R	2.43 R	29.8 R	35.3 R	36.9 R	12.9 R	10.8 R	10.8 R	4.79 R	6.77 R	14.0 R	1950
1951	9.03 R	8.98R	7.38 R	2.45 R	21.4 R	14.4 R	8.26R	6.30 R	3.24 R	5.53 R	6.80 R	7.45 R	8.36R	1951
1952	7.36 R	7.88R	9.06 R	2.77 R	8.14 R	5.90 R	17.2 R	7.32 R	4.68 R	1.89 R	4.81 R	5.03 R	6.67R	1952
1953	5.77 R	7.29R	5.27 R	0.682R	1.33 R	29.7 R	15.8 R	5.70 R	5.25 R	5.38 R	5.91 R	6.19 R	7.93R	1953
1954	6.66 R	9.91R	9.61 R	3.29 R	30.0 R	27.3 R	8.76R	2.18 R	1.44 R	1.42 R	1.43 R	4.81 R	8.90R	1954
1955	4.44 R	5.75R	7.76 R	4.10 R	1.42 R	1.42 R	1.42R	1.42 R	1.42 R	1.42 R	2.61 R	6.81 R	3.32R	1955
1956	7.97 R	8.66R	7.96 R	2.72 R	9.13 R	22.4 R	8.78R	4.88 R	0.450R	0 R	2.25 R	4.88 R	6.82R	1956
1957	5.04 R	6.25R	7.84 R	2.52 R	9.18 R	14.2 R	16.1 R	5.18 R	6.62 R	1.11 R	1.30 R	6.57 R	7.32R	1957
1958	7.47 R	7.61R	6.58 R	1.61 R	2.95 R	4.36 R	7.68R	2.80 R	1.92 R	2.69 R	3.25 R	6.71 R	4.64R	1958
1959	7.81 R	7.57R	6.57 R	0.268R	2.08 R	13.7 R	6.93R	3.08 R	9.88 R	3.95 R	8.53 R	10.4 R	8.72R	1959
1960	10.0 R	8.71R	6.33 R	1.40 R	0.085R	5.28 R	2.44R	0.685R	4.63 R	4.56 R	2.82 R	6.35 R	4.43R	1960
1961	7.71 R	11.4 R	9.34 R	4.46 R	6.70 R	14.4 R	5.59R	0.085R	11.6 R	5.42 R	8.76 R	6.36 R	7.43R	1961
1962	7.43 R	7.85R	9.90 R	5.76 R	3.71 R	14.2 R	11.0 R	11.9 R	5.78 R	3.45 R	5.05 R	6.95 R	7.74R	1962
1963	7.26 R	7.59R	5.06 R	1.42 R	1.93 R	26.3 R	10.9 R	6.20 R	4.40 R	0.198R	0.279R	4.02 R	6.27R	1963
1964	2.45 R	2.13R	14.1 R	3.92 R	16.0 R	30.1 R	27.1 R	2.69 R	9.41 R	8.48 R	5.86 R	5.40 R	10.7 R	1964
1965	5.85 R	4.64R	6.56 R	8.10 R	12.2 R	21.6 R	10.3 R	0.702R	12.7 R	14.5 R	5.35 R	8.42 R	9.23R	1965
1966	13.3 R	13.5 R	11.6 R	15.0 R	21.6 R	20.6 R	2.42R	8.87 R	4.80 R	2.32 R	0.878R	1.79 R	9.50R	1966
1967	5.12 R	4.65R	12.9 R	5.10 R	8.41 R	17.9 R	9.49R	15.9 R	1.47 R	0.450R	3.69 R	9.29 R	8.00R	1967
1968	8.56 R	8.20R	7.47 R	0.628R	29.3 R	48.7 R	35.4 R	24.6 R	14.9 R	8.22 R	22.0 R	17.5 R	18.8 R	1968
1969	12.8 R	10.1 R	9.44 R	9.40 R	28.0 R	19.0 R	17.7 R	0.426R	0.425R	0.425R	0.425R	1.80 R	9.17R	1969
1970	8.37 R	10.7 R	13.3 R	4.75 R	18.4 R	33.9 R	2.89R	0.425R	0.425R	7.44 R	21.9 R	11.1 R	10.9 R	1970
1971	8.44 R	9.05R	12.0 R	6.46 R	22.0 R	17.3 R	2.67R	7.86 R	3.62 R	8.38 R	26.4 R	10.7 R	11.4 R	1971
1972	10.6 R	7.67R	7.58 R	7.83 R	12.4 R	7.02 R	8.34R	4.46 R	0.425R	0.425R	5.87 R	5.54 R	6.62R	1972
1973	1.83 R	3.59R	7.77 R	11.8 R	5.42 R	4.67 R	7.39R	4.79 R	4.06 R	6.78 R	10.1 R	8.60 R	6.41R	1973
1974	8.21 R	6.38R	5.44 R	5.05 R	19.1 R	18.8 R	5.25R	0.462R	7.43 R	2.63 R	11.2 R	9.25 R	8.10R	1974
1975	8.27 R	4.48R	1.47 R	0.885R	8.29 R	7.91 R	5.05R	1.69 R	0.910R	0.254R	0.280R	0.734R	3.27R	1975
1976	5.82 R	6.80R	7.87 R	13.5 R	7.05 R	3.29 R	5.27R	0.142R	0.142R	0.142R	0.142R	2.65 R	4.47R	1976
1977	4.07	3.73	2.64	0.142	0.142	0.142	8.45	2.31	35.4	24.5	5.80	8.41	7.89	1977
1978	8.94	6.28	3.18	1.55	5.86	18.1	10.2	1.82	8.46	4.93	5.78	3.42	6.81	1978
1979	2.23	1.62	2.85	3.26	22.0	13.8	1.37	0.280	0.280	0.280	1.91	4.39	4.55	1979
1980	5.02	7.88	10.1	3.09	0	0	2.21	0	5.38	6.44	4.60	3.65	4.11	1980
1981	3.16	2.84	2.70	3.51	16.9	7.38	1.18	0.150	0.150	0.150	0.150	2.61	3.43	1981
1982	2.82	2.73	2.75	2.02	11.0	1.22	38.9	4.87	0	12.7	9.27	9.08	8.22	1982
1983	7.10	5.27	8.27	0.712	1.18	18.3	25.0	0	0	0	0	5.97	6.00	1983
1984	9.53	3.85	0.023	0.040	11.0	14.4	4.78	0	0	0	0	0	3.64	1984
MEAN	6.45 R	6.65R	7.11 R	3.82 R	10.6 R	15.1 R	10.7 R	5.58 R	4.62 R	3.98 R	5.11 R	5.97 R	7.17	MEAN

LOCATION - LAT 48 37 11 N
LONG 90 03 42 W

REGULATED SINCE 1924

DATA CONTRIBUTED BY - ONTARIO HYDRO

R - REVISED SINCE JAN 1980

REMARKS - DAILY DISCHARGES PRIOR TO 1975 HAVE NOT BEEN PUBLISHED

SHEBANDOWAN RIVER AT OUTLET OF SHEBANDOWAN LAKE - STATION NO. 02AB011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1924	---	---	---	---	1924
1925	---	17.4R ON JUN 27	0 R ON MAR 28 *	180 000R	1925
1926	---	27.7R ON AUG 19	0 R ON APR 17	181 000R	1926
1927	---	38.4R ON MAY 17	0 R ON APR 21	338 000R	1927
1928	---	11.6R ON JUN 5	0 R ON APR 5	156 000R	1928
1929	---	11.2R ON MAY 3	0 RE ON APR 7	120 000R	1929
1930	---	12.3R ON AUG 11	0 R ON MAR 16	80 300R	1930
1931	---	21.1R ON JUN 20	0 R ON APR 9	112 000R	1931
1932	---	28.4R ON MAY 28	0 R ON APR 11	204 000R	1932
1933	---	14.0R ON MAY 29	0.227R ON APR 22	151 000R	1933
1934	---	56.6R ON MAY 18	0 R ON APR 9	337 000R	1934
1935	---	23.7R ON JUL 4	0 R ON APR 14	233 000R	1935
1936	---	23.1R ON MAY 20	0 R ON APR 18	203 000R	1936
1937	---	24.8R ON MAY 18	0 R ON APR 15	203 000R	1937
1938	---	39.6R ON JUN 15	0 R ON MAR 24	279 000R	1938
1939	---	38.2R ON JUL 8	0.057R ON APR 21	256 000R	1939
1940	---	17.7R ON JUN 13	0.085R ON MAY 1	139 000R	1940
1941	---	38.9R ON OCT 1	0 R ON APR 8	275 000R	1941
1942	---	26.7R ON MAY 16	0.113R ON APR 5	213 000R	1942
1943	---	58.6R ON JUN 18	0.198R ON SEP 8	367 000R	1943
1944	---	45.9R ON AUG 17	0.311R ON APR 18	391 000R	1944
1945	---	24.2R ON APR 17	0.311R ON MAR 24	185 000R	1945
1946	---	20.6R ON JUL 21	0.425R ON AUG 16	184 000R	1946
1947	---	48.1R ON JUN 16	0.425R ON APR 11	239 000R	1947
1948	---	14.2R ON SEP 9	0.425R ON APR 13	150 000R	1948
1949	---	16.1R ON JUN 26	0 R ON APR 20	143 000R	1949
1950	---	48.0R ON MAY 25	0.085R ON APR 19	442 000R	1950
1951	---	30.9R ON MAY 9	0.227R ON JUN 30	264 000R	1951
1952	---	22.0R ON JUL 13	0.085R ON SEP 24	211 000R	1952
1953	---	40.8R ON JUN 1	0.085R ON APR 5	260 000R	1953
1954	---	38.1R ON JUN 19	0.085R ON APR 13	280 000R	1954
1955	---	10.2R ON MAR 28	1.42 R ON APR 12	105 000R	1955
1956	---	33.7R ON JUN 2	0 R ON SEP 10	216 000R	1956
1957	---	27.1R ON JUN 25	0 R ON APR 21	231 000R	1957
1958	---	13.3R ON FEB 25	0.085R ON APR 7	145 000R	1958
1959	---	32.3R ON JUN 13	0.085R ON APR 3	212 000R	1959
1960	---	11.4R ON JAN 1	0.085R ON APR 12	140 000R	1960
1961	---	32.0R ON SEP 12	0.085R ON APR 10	234 000R	1961
1962	---	21.3R ON MAY 25	0.198R ON APR 25	244 000R	1962
1963	---	45.0R ON JUN 14	0.198R ON APR 2	198 000R	1963
1964	---	45.3R ON JUN 25	0.198R ON JAN 17	339 000R	1964
1965	---	40.5R ON MAY 27	0.198R ON AUG 5	291 000R	1965
1966	---	34.3R ON MAY 30	0.198R ON JUN 15	300 000R	1966
1967	---	34.5R ON JUL 2	0.057R ON OCT 30	252 000R	1967
1968	---	72.2R ON JUN 13 *	0.057R ON MAR 31	593 000R	1968
1969	---	35.1R ON MAY 14	0.425R ON JUL 30	289 000R	1969
1970	---	48.3R ON JUN 1	0.283R ON APR 21	345 000R	1970
1971	---	44.5R ON MAY 27	0.142R ON APR 1	380 000R	1971
1972	---	18.3R ON MAY 14	0.142R ON JUN 8	209 000R	1972
1973	---	14.8R ON APR 10	0.142R ON MAY 24	202 000R	1973
1974	---	23.9R ON JUN 8	0.142R ON JUL 30	255 000R	1974
1975	---	19.9R ON JUN 24	0.142R ON OCT 18	103 000R	1975
1976	---	21.0R ON APR 26	0.142R ON MAY 31	142 000R	1976
1977	---	47.9 ON SEP 11	0.142 ON MAR 17	249 000	1977
1978	---	24.7 ON JUN 8	0 ON AUG 13	208 000	1978
1979	---	34.9 ON MAY 20	0 ON NOV 12	143 000	1979
1980	---	17.2 ON SEP 18	0 ON APR 18	130 000	1980
1981	---	28.4 ON MAY 8	0 ON APR 4	108 000	1981
1982	---	81.6 ON JUL 13	0 ON AUG 20	258 000	1982
1983	---	52.8 ON JUL 5	0 ON APR 8	189 000	1983
1984	---	22.1 ON JUN 14	0 ON FEB 18	115 000	1984
				226 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

E - ESTIMATED

R - REVISED SINCE JAN 1980

SHEBANDOWAN RIVER AT SUNSHINE - STATION NO. 02AB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	---	---	---	---	---	6.03	10.2	15.5	---	1957
1958	15.9	13.7	12.8	30.7	18.7	21.8	28.2	8.14	10.2	13.3	18.0	13.3	18.9	1958
1959	9.65	10.8	12.6	21.3	32.9	35.7	17.4	21.1	43.7	27.0	20.4	16.2	22.4	1959
1960	14.5	12.9	14.4	26.8	29.3	17.3	7.83	5.48	11.3	13.1	22.4	12.5	15.8	1960
1961	13.9	17.3	19.8	37.4	40.1	31.3	16.3	7.18	38.6	24.5	25.3	13.2	23.5	1961
1962	13.7	13.6	15.2	22.4	49.8	42.9	27.9	41.3	22.0	12.0	13.5	16.4	24.2	1962
1963	14.7	11.8	8.13	25.4	30.4	44.8	28.7	16.2	12.2	4.07	5.72	7.19	20.8	1963
1964	8.11	4.88	17.3	41.9	76.8	92.7	52.5	13.4	28.7	28.7	17.8	10.2	32.4	1964
1965	8.31	7.44	11.8	39.5	76.7	47.6	24.5	9.00	33.8	53.7	18.5	19.0	29.3	1965
1966	18.2	18.1	20.3	58.9	101	44.7	14.1	11.7	8.05	12.9	7.12	7.53	27.0	1966
1967	14.5	9.38	19.6	86.5	62.3	36.9	16.5	29.1	5.69	4.93	8.15	11.8	23.8	1967
1968	8.39	9.16	16.3	52.1	67.3	113	74.9	27.4	19.7	27.3	28.4	16.3	38.4	1968
1969	13.8	13.7	15.4	84.2	58.5	35.9	26.2	16.0	6.19	11.0	8.18	6.95	25.0	1969
1970	11.0	15.8	26.8	41.8	100	66.7	26.0	8.38	5.54	28.2	83.1	41.0	36.5	1970
1971	17.8	16.8	21.0	76.2	88.5	43.6	13.1	11.3	9.02	30.3	54.1	27.7	34.3	1971
1972	14.7	13.4	16.2	46.1	79.8	33.4	33.5	15.7	8.96	8.20	12.2	9.59	24.5	1972
1973	6.89	11.6	26.1	61.0	37.7	25.1	21.9	18.8	20.8	30.8	28.0	15.5	25.3	1973
1974	12.7	12.3	15.4	46.9	79.1	52.5	19.8	9.69	24.6	20.5	30.1	22.2	29.0	1974
1975	18.5	14.5	9.89	37.2	46.8	32.5	16.9	8.86	7.94	8.83	7.83	7.38	18.2	1975
1976	10.8	11.9	25.3	108	34.7	24.4	14.3	4.20	2.69	2.60	2.62	2.79	20.3	1976
1977	4.39	3.81	5.21	14.8	9.87	9.18	13.7	14.2	107	70.7	33.1	28.2	26.2	1977
1978	20.2	14.8	10.6	35.9	54.7	68.7	28.1	14.0	21.7	20.1	14.1	8.39	25.8	1978
1979	8.46	5.29	8.53	45.4	88.9	42.2	13.4	8.50	10.6	8.25	10.0	7.55	21.2	1979
1980	7.37	10.8	13.7	31.4	15.9	5.87	9.55	7.10	44.6	28.3	20.4	12.8	17.3	1980
1981	10.0	10.3	12.7	68.5	54.0	44.5	15.3	8.43	3.52	8.13	5.30	6.51	20.5	1981
1982	8.97	9.73	8.80	32.9	61.6	27.4	84.4	26.8	12.1	50.2	44.8	27.2	33.3	1982
1983	18.5	12.8	15.8	28.8	40.4	52.7	49.1	19.8	15.4	23.7	18.3	19.5	26.0	1983
1984	17.4	13.1	8.63	44.6	55.8	45.5	21.0	13.5	8.86	13.8	8.90	9.77	21.8	1984
MEAN	12.2	11.7	15.2	45.3	55.2	43.6	27.0	14.5	20.2	21.0	19.9	14.8	25.2	MEAN

LOCATION - LAT 48 33 20 N
LONG 89 40 55 W
DRAINAGE AREA, 2 800 km²
REGULATED

SHEBANDOWAN RIVER AT SUNSHINE - STATION NO. 02AB009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)		MAXIMUM DAILY DISCHARGE (m³/s)		MINIMUM DAILY DISCHARGE (m³/s)		TOTAL DISCHARGE (dam³)	YEAR
1957	---		---		---		---	1957
1958	---		58.3	ON JUL 9	2.63	ON SEP 19	533 000	1958
1959	---		105	ON SEP 7	9.05	ON AUG 5	706 000	1959
1960	---		80.0	ON MAY 1	3.01	ON AUG 5	484 000	1960
1961	---		108	ON APR 21	3.37	ON AUG 24	741 000	1961
1962	---		75.7	ON MAY 25	8.27	ON NOV 5	743 000	1962
1963	---		173	ON JUN 11	3.28	ON OCT 21	648 000	1963
1964	---		165	ON JUN 24	1.988	ON JAN 19	1 030 000	1964
1965	---		148	ON OCT 1	3.96	ON AUG 27	825 000	1965
1966	---		148	ON APR 27	2.39	ON AUG 2	850 000	1966
1967	---		121	ON APR 17	2.69	ON JUL 28	753 000	1967
1968	---		351	ON JUN 8 *	5.138	ON JAN 19	1 210 000	1968
1969	---		167	ON APR 17	4.39	ON SEP 21	789 000	1969
1970	---		183	ON MAY 1	1.33	ON AUG 19 *	1 150 000	1970
1971	322	AT 22:49 CST ON MAY 25	210	ON MAY 25	5.448	ON APR 4	1 080 000	1971
1972	201	AT 08:07 CST ON MAY 2	196	ON MAY 2	5.55	ON SEP 19	776 000	1972
1973	104	AT 04:17 CST ON APR 22	103	ON APR 22	5.868	ON JAN 21	786 000	1973
1974	131	AT 05:38 CST ON APR 28	126	ON APR 28	5.55	ON AUG 19	916 000	1974
1975	80.6	AT 05:48 CST ON APR 28	89.5	ON APR 28	5.92	ON NOV 9	575 000	1975
1976	287	AT 22:06 CST ON APR 16 *	278	ON APR 17	2.088	ON DEC 10	840 000	1976
1977	240	AT 09:13 EST ON SEP 10	234	ON SEP 10	2.358	ON FEB 15	827 000	1977
1978	---		149 E	ON JUN 4	7.508	ON DEC 31	813 000	1978
1979	204	AT 16:40 EST ON MAY 11	197	ON MAY 11	3.93	ON SEP 27	687 000	1979
1980	105	AT 13:41 EST ON SEP 20	100	ON SEP 20	3.13	ON JUN 27	548 000	1980
1981	101	AT 17:03 EST ON APR 11	100	ON APR 11	3.17	ON SEP 22	846 000	1981
1982	275	AT 05:46 EST ON JUL 8	264	ON JUL 8	5.418	ON FEB 15	1 050 000	1982
1983	148	AT 07:23 EST ON JUL 5	148	ON JUL 5	8.86	ON APR 7	821 000	1983
1984	133	AT 07:36 EST ON APR 28	118	ON APR 28	8.89	ON OCT 15	690 000	1984
							784 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SHEBANDOWAN RIVER NEAR KAMINISTIQUIA - STATION NO. 02AB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	---	16.1	10.8	7.36	---	1921
1922	5.38	5.10	5.88	38.2	71.2	33.8	15.8	17.8	12.7	---	---	8.80	---	1922
1923	8.82	4.25	3.84	26.9	---	---	---	---	---	---	---	---	---	1923
MEAN	8.48	4.88	4.80	32.6	71.2	33.8	15.8	17.8	12.7	16.1	10.8	7.08	---	MEAN

LOCATION - LAT 48 32 45 N
LONG 89 37 25 W
DRAINAGE AREA, 2 850 km²
REGULATED

SHEBANDOWAN RIVER NEAR KAMINISTIQUIA - STATION NO. 02AB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	142 ON MAY 5 *	---	---	1922
1923	---	82.7 ON APR 22	---	---	1923
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD	---	---	MEAN

SNEKAK RIVER AT HIGHWAY NO. 11 - STATION NO. 04JC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	40.1	12.6	10.3	11.9	21.2 R	19.6 R	---	1950
1951	12.6 R	9.21R	8.69R	75.1R	170	27.2	18.8	7.87	8.87	25.6 R	36.1	31.1 R	36.0R	1951
1952	13.1 R	9.10R	7.53R	47.2R	82.1	63.7	37.4	35.9	12.1	13.3	18.0	21.8 R	30.0R	1952
1953	10.8 R	9.17R	9.85R	33.2R	224 R	82.8R	32.6	11.0	10.1	13.0	13.9	18.8 R	39.4R	1953
1954	10.7 R	11.6 R	12.4 R	32.1R	193	50.8	26.2 R	19.2 R	12.0	44.5	54.4	20.5 R	41.1R	1954
1955	10.3	8.51	5.70	49.0	84.5	45.0	8.19	3.41	3.32	18.1	27.5	16.3	23.2	1955
1956	11.6	9.52	7.48	15.7	143	102 R	40.9	11.4	12.0	13.1	10.7	12.8	32.6R	1956
1957	10.5	7.75	6.81	45.3	69.9	66.6	66.9	11.4	18.4	16.6	31.9	24.0	34.0	1957
1958	12.8	10.1	8.93	81.3	70.6	76.9	67.5	23.6	51.2	28.7	42.4	30.8	42.1	1958
1959	15.1	9.38	8.63	19.6	137	59.6	12.8	10.8	20.8	32.7	33.9 R	21.4 R	32.0R	1959
1960	14.3 R	11.2 R	8.73R	34.7R	223	55.4	16.0	18.3	13.5	13.9	20.2 R	18.0 R	37.4R	1960
1961	11.1 R	7.65R	6.50R	70.1R	178	59.6	38.8	14.6	29.5	56.6	45.9 R	26.1 R	45.7R	1961
1962	11.1 R	8.70R	9.02R	18.0R	118	82.4	23.6	43.7	76.1	23.0	16.5 R	19.9 R	37.7R	1962
1963	12.0 R	9.22R	8.32R	36.6R	119	88.3	20.1	8.11	12.4	11.3	10.8 R	11.7 R	29.2R	1963
1964	7.83R	6.18R	6.06R	61.1R	156	94.4	52.2	35.7	35.3	46.4 R	35.3 R	24.1 R	46.9R	1964
1965	14.1 R	9.95R	8.89R	31.4R	154	50.0	14.6	8.10	32.6	58.0	32.2	23.0	36.4R	1965
1966	17.1	13.6	13.3	45.2	192	62.5	27.2	40.1	18.0	55.0	50.5	27.1	49.7	1966
1967	13.0	11.3	11.7	74.7	185	77.4	21.0	14.9	8.48	18.0	31.8	12.2	39.5	1967
1968	8.34	6.87	7.19	69.6	59.9	83.4	77.2	46.7	35.9	42.4	37.3	20.7	39.2	1968
1969	17.7	15.0	12.6	39.3	142	43.8	24.9	13.8	9.80	23.0	21.4	17.9	31.9	1969
1970	13.3	10.5	8.77	12.7	106	48.1	28.5	9.27	24.4	33.2	34.4	18.6	28.9	1970
1971	10.6	8.94	7.62	19.9	127	65.9	25.7	17.4	32.6 R	42.8 R	54.8	27.2	36.9R	1971
1972	15.7	12.7	11.1	18.8	146	46.3	31.0	27.0	17.9	33.4	21.0	11.9	32.9	1972
1973	10.6	9.18	14.7	50.6	98.0	45.4	55.8	27.9	25.1	33.8	32.8	23.0	36.6	1973
1974	13.7	10.8	9.22	11.3	155	78.2	27.8	33.7	36.5	79.1	54.2	23.1	44.8	1974
1975	15.3	12.8	11.9	22.2	103	71.0	20.8	8.08	6.37	10.5	27.0	18.0	27.3	1975
1976	10.9	7.23	7.46	93.2	82.7	37.2	21.1	18.4	7.75	10.2	10.8	8.64	26.3	1976
1977	8.04	7.77	10.8	110	93.5	38.0	40.8	15.7	52.4	44.0	33.1	20.3	39.6	1977
1978	11.2	7.44	6.38	10.5	135	108	41.6	16.2	7.80	20.6	13.5	10.2	32.5	1978
1979	8.25	6.19	6.84	43.9	206	80.0	18.3	9.13	38.4	61.8	89.3	27.4	48.0	1979
1980	14.8	9.46	8.26	43.9	157	40.1	19.7	17.0	18.1	36.9	27.3	15.7	34.2	1980
1981	10.5	8.67	12.0	71.2	108	48.6	19.0	4.94	3.24	5.36	8.21	8.50	25.8	1981
1982	8.31	6.32	5.69	13.7	128	30.7	48.1	17.0	40.7	83.3	83.3	38.1	40.7	1982
1983	17.8	12.2	13.1	25.7	179	67.2	24.1	8.00	14.5	49.1	26.4	17.1	38.3	1983
1984	11.8	9.84	8.81	66.2	98.7	89.1	64.4	24.6	9.59	14.0	21.0	19.7	36.5	1984
MEAN	12.2 R	9.52R	9.15R	43.9R	137 R	63.6R	33.2 R	18.6 R	21.9 R	32.1 R	30.9 R	20.2 R	36.3	MEAN

LOCATION - LAT 49 45 20 N LONG 84 24 24 W

DRAINAGE AREA, 3 290 km^2
NATURAL FLOW

R - REVISED SINCE JAN 1980

SHEKAK RIVER AT HIGHWAY NO. 11 - STATION NO. 04JC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	---	---	---	1950
1951	---	340 ON MAY 5 *	5.41 ON AUG 31	1 130 000R	1951
1952	---	122 ON APR 25	7.31RB ON MAR 24	948 000R	1952
1953	---	288 ON MAY 10	7.31 ON SEP 16	1 240 000R	1953
1954	---	259 ON MAY 15	8.92 ON SEP 16	1 300 000R	1954
1955	---	155E ON MAY 8	2.49 ON SEP 9	732 000	1955
1956	---	217 ON MAY 21	6.57B ON MAR 30	1 030 000R	1956
1957	---	248 ON APR 30	8.48B ON MAR 6	1 070 000	1957
1958	---	210 ON APR 24	8.84B ON MAR 15	1 330 000	1958
1959	---	235 ON MAY 9	1.81 ON SEP 19 *	1 010 000R	1959
1960	---	300 ON MAY 19	8.83RB ON APR 8	1 180 000R	1960
1961	---	282 ON MAY 18	8.09RB ON MAR 17	1 440 000R	1961
1962	---	183 ON MAY 21	8.44RB ON FEB 22	1 190 000R	1962
1963	---	185 ON MAY 25	5.10 ON AUG 16	920 000R	1963
1964	---	235 ON MAY 4	4.02RB ON MAR 2	1 480 000R	1964
1965	185 AT 15:00 EST ON MAY 11	184 ON MAY 11	6.43 ON AUG 15	1 150 000R	1965
1966	309 AT 06:00 EST ON MAY 26 *	306 ON MAY 25	8.78B ON MAR 7	1 570 000	1966
1967	235 AT 01:00 EST ON MAY 22	232 ON MAY 22	5.27 ON SEP 21	1 240 000	1967
1968	146 AT 22:00 EST ON APR 26	145 ON APR 26	6.63B ON MAR 11	1 240 000	1968
1969	210 AT 18:00 EST ON MAY 8	209 ON MAY 8	7.70 ON SEP 3	1 010 000	1969
1970	164 AT 04:26 EST ON MAY 6	162 ON MAY 5	6.82 ON AUG 19	912 000	1970
1971	172 AT 16:10 EST ON MAY 29	172 ON MAY 29	5.56B ON APR 10	1 180 000R	1971
1972	188 AT 08:00 EST ON MAY 6	187 ON MAY 6	10.0 B ON APR 14	1 040 000	1972
1973	153 AT 03:00 EST ON MAY 13	153 ON MAY 13	7.38B ON MAR 1	1 150 000	1973
1974	189 AT 05:00 EST ON MAY 18	188 ON MAY 18	8.78B ON MAR 31	1 410 000	1974
1975	159 AT 17:44 EST ON MAY 8	158 ON MAY 8	4.05 ON SEP 7	882 000	1975
1976	208 AT 22:15 EST ON APR 24	207 ON APR 24	5.68B ON MAR 9	831 000	1976
1977	231 AT 22:38 EST ON APR 24	230 ON APR 25	7.65B ON MAR 1	1 250 000	1977
1978	207 AT 16:27 EST ON MAY 17	206 ON MAY 17	6.23B ON MAR 8	1 020 000	1978
1979	295 AT 08:46 EST ON MAY 15	292 ON MAY 15	5.38B ON MAR 9	1 510 000	1979
1980	253 AT 08:56 EST ON MAY 6	252 ON MAY 6	8.08B ON MAR 31	1 080 000	1980
1981	167 AT 15:52 EST ON MAY 8	166 ON MAY 9	2.75 ON SEP 7	815 000	1981
1982	195 AT 08:59 EST ON MAY 8	193 ON MAY 8	5.50B ON MAR 9	1 280 000	1982
1983	---	2288 ON MAY 3	4.43 ON AUG 25	1 210 000	1983
1984	152 AT 04:54 EST ON MAY 4	152 ON MAY 4	7.58 ON SEP 23	1 150 000	1984
				1 140 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

SHELTER VALLEY BROOK NEAR CRAFTON - STATION NO. 02HB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	0.318	0.682	0.787	1.01	---	1965
1966	0.485	1.21	1.90	0.720	0.618	0.378	0.274	0.309	0.381	0.344	0.777	1.09	0.694	1966
1967	0.833	0.599	1.31	1.18	0.719	0.556	0.454	0.332	0.509	0.724	0.978	0.901	0.759	1967
1968	0.752	1.62	1.73	0.733	0.734	0.538	0.358	0.343	0.424	0.427	0.728	0.603	0.748	1968
1969	1.37	0.690	1.76	1.54	0.988	0.673	0.556	0.371	0.301	0.404	0.740	0.605	0.827	1969
1970	0.407	0.982	2.58	1.80	0.797	0.619	0.480	0.324	0.383	0.627	0.845	0.873	0.877	1970
1971	0.575	0.834	1.17	2.78	0.727	0.623	0.465	0.436	0.583	0.810	0.575	0.888	0.848	1971
1972	0.901	0.412	0.827	3.03	0.836	0.842	0.558	0.553	0.480	0.625	0.812	1.12	0.913	1972
1973	1.17	1.11	2.33	1.88	1.13	0.886	0.473	0.481	0.481	0.809	0.875	0.842	0.985	1973
1974	0.885	0.852	1.76	1.83	1.14	0.803	0.982	0.535	0.548	0.637	0.764	0.780	0.943	1974
1975	1.01	1.17	2.44	1.38	0.748	0.843	0.650	0.395	0.537	0.515	0.595	0.650	0.876	1975
1976	0.431	1.39	2.83	1.22	0.928	0.621	0.594	0.454	0.491	0.541	0.482	0.338	0.856	1976
1977	0.188	0.378	1.73	0.910	0.485	0.421	0.378	0.526	0.611	0.673	0.857	0.890	0.673	1977
1978	1.21	0.544	0.985	2.84	1.18	0.458	0.451	0.497	0.574	0.580	0.720	0.603	0.885	1978
1979	0.404	0.308	2.83	1.58	0.773	0.478	0.440	0.434	0.449	0.577	0.649	0.723	0.808	1979
1980	0.850	0.361	3.31	1.42	0.527	0.520	0.655	0.387	0.448	0.505	0.604	0.642	0.884	1980
1981	0.486	2.46	0.822	0.812	0.638	0.485	0.412	0.435	0.672	0.858	0.648	0.552	0.742	1981
1982	0.653	0.483	1.15	3.22	1.03	0.942	0.455	0.581	0.579	0.577	0.814	0.807	0.960	1982
1983	0.778	1.42	1.03	1.28	1.18	0.542	0.372	0.381	0.388	0.629	0.748	0.708	0.782	1983
1984	0.488	2.14	1.77	1.97	1.22	0.742	0.557	0.431	0.489	0.456	0.585	0.844	0.949	1984
MEAN	0.727	0.998	1.80	1.86	0.858	0.803	0.493	0.432	0.478	0.575	0.728	0.763	0.840	MEAN

LOCATION - LAT 43 59 31 N
LONG 78 00 07 W
DRAINAGE AREA, 84.8 km^2
NATURAL FLOW

SHELTER VALLEY BROOK NEAR GRAFTON - STATION NO. 02HD010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	10.0 B ON MAR 1	0.227 ON JUL 17	21 900	1966
1967	11.6 AT 01:45 EST ON APR 3	5.04 ON APR 3	0.283 ON AUG 16	23 900	1967
1968	15.5 B AT 20:00 EST ON FEB 2	5.408 ON MAR 18	0.263 ON JUL 29	23 600	1968
1969	18.1 AT 23:35 EST ON MAR 24	8.98 ON MAR 25	0.272 ON SEP 4	28 100	1969
1970	---	5.50E ON MAR 20	0.280 ON AUG 18	27 700	1970
1971	8.01 AT 20:52 EST ON APR 13	5.34 ON APR 13	0.300 ON AUG 21	26 800	1971
1972	12.0 AT 21:20 EST ON APR 14	8.51 ON APR 13	0.2978 ON FEB 8	28 900	1972
1973	17.1 AT 20:00 EST ON MAR 17	8.658 ON MAR 4	0.382 ON SEP 9	31 100	1973
1974	---	9.91 ON JUL 3	0.2978 ON JAN 18	28 700	1974
1975	30.0 AT 00:21 EST ON MAR 20	15.8 ON MAR 20	0.354 ON AUG 12	27 600	1975
1976	18.5 AT 11:00 EST ON MAR 21	13.9 ON MAR 21	0.2618 ON DEC 31	27 100	1976
1977	18.1 AT 08:57 EST ON MAR 13	8.20 ON MAR 13	0.1308 ON JAN 27 *	21 200	1977
1978	8.47 AT 18:44 EST ON APR 21	5.78 ON APR 7	0.377 ON JUN 30	27 900	1978
1979	18.0 AT 09:57 EST ON MAR 14	10.0 ON MAR 14	0.2308 ON FEB 12	25 500	1979
1980	74.9 E AT 14:35 EST ON MAR 21 *	43.6 E ON MAR 21 *	0.3178 ON MAR 13	27 300	1980
1981	---	11.7 B ON FEB 20	0.311 ON JUL 18	23 400	1981
1982	23.4 AT 18:37 EST ON APR 3	12.3 ON APR 3	0.190E ON JAN 19	29 600	1982
1983	29.7 AT 00:42 EST ON FEB 3	11.2 E ON FEB 3	0.303 ON AUG 21	24 700	1983
1984	22.3 AT 10:11 EST ON APR 5	16.1 B ON FEB 14	0.352 ON JUL 24	30 000	1984
				26 500	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SHIPKA CREEK NEAR GRAND BEND - STATION NO. 02FF006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	0.749	---	---	---	---	---	---	---	---	---	1957
1958	---	---	1.84	0.479	---	---	---	---	---	---	---	---	---	1958
1959	---	---	---	0.785	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	0.925	---	---	---	---	---	---	---	---	---	1960
1961	---	---	0.367	0.345	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	0.057	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	0.068	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	0.305	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	0.705	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	0.236	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	0.450	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	0.187	---	---	---	---	---	---	---	---	---	1968
1969	---	---	0.511	---	---	---	---	---	---	---	---	---	---	1969
1972	---	---	---	---	---	---	---	---	---	---	---	---	---	1972
MEAN	---	---	0.838	0.441	---	---	---	---	---	---	---	---	---	MEAN

LOCATION - LAT 43 18 19 N
LONG 81 45 00 W
DRAINAGE AREA, 33.7 km^2
NATURAL FLOW

SHIPKA CREEK NEAR GRAND BEND - STATION NO. 02FF006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	3.20 ON APR 5	---	---	1957
1958	---	8.78 ON MAR 1	---	---	1958
1959	---	4.84 ON APR 2	---	---	1959
1960	---	11.6 ON MAR 30	---	---	1960
1961	---	3.00 ON APR 26	---	---	1961
1962	---	2.52 ON MAR 16	---	---	1962
1963	---	4.62 ON MAR 27	---	---	1963
1964	---	2.52 ON APR 6	---	---	1964
1965	---	12.8 ON MAR 5 *	---	---	1965
1966	---	1.45 ON MAR 9	---	---	1966
1967	---	8.44 ON MAR 27	---	---	1967
1968	---	2.44 ON NOV 29	---	---	1968
1969	---	3.45 ON APR 5	---	---	1969
1972	2.09 AT 08:10 EST ON MAR 13 *	1.81 ON MAR 13	---	---	1972
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

SILVER CREEK NEAR COPENHAGEN - STATION NO. 02GC024

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	0.200	0.263	0.487	0.418	0.207	0.158	0.122	0.098	0.115	0.152	0.316	0.311	0.235	1970
1971	0.177	0.826	0.869	0.350	0.180	0.135	0.078	0.085	0.116	0.121	0.134	0.190	0.236	1971
1972	0.228	0.121	1.13	0.541	0.311	0.194	0.197	0.148	0.136	0.180	0.318	0.471	0.333	1972
1973	0.288	0.261	1.09	0.444	0.323	0.352	0.132	0.176	0.119	0.163	0.267	0.326	0.331	1973
1974	0.522	0.437	0.826	0.462	0.618	0.232	0.167	0.123	0.138	0.148	0.238	0.247	0.320	1974
1975	0.485	0.468	0.717	0.387	0.218	0.385	0.110	0.238	0.410	0.218	0.287	0.392	0.357	1975
1976	0.329	0.868	1.35	0.461	0.339	0.204	0.239	0.180	0.143	0.185	0.185	0.175	0.398	1976
1977	0.149	0.241	1.00	0.619	0.193	0.145	0.154	0.165	0.611	0.405	0.355	0.898	0.413	1977
1978	0.329	0.231	1.16	0.714	---	---	---	---	---	---	---	---	---	1978
MEAN	0.301	0.404	0.912	0.487	0.286	0.223	0.150	0.152	0.224	0.194	0.285	0.376	0.328	MEAN

LOCATION - LAT 42 41 39 N DRAINAGE AREA, 27.2 km²
LONG 80 58 03 W REGULATED

SILVER CREEK NEAR COPENHAGEN - STATION NO. 02GC024

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	2.85 AT 19:30 EST ON APR 2	1.99 ON APR 2	0.057 ON AUG 7	7 410	1970
1971	5.97 AT 18:56 EST ON FEB 27	4.33 ON FEB 27	0.026 ON AUG 4 *	7 430	1971
1972	10.8 AT 01:55 EST ON MAR 2	8.85 ON MAR 2	0.0868 ON FEB 12	10 500	1972
1973	6.63 AT 20:21 EST ON MAR 11	3.82 ON MAR 11	0.079 ON JUL 18	10 400	1973
1974	3.96 AT 21:16 EST ON FEB 22	2.86 ON MAR 5	0.082 ON JUL 28	10 100	1974
1975	3.00 AT 03:33 EST ON JUN 5	2.36 ON FEB 24	0.051 ON JUL 30	11 200	1975
1976	---	8.50E ON MAR 5 *	0.105 ON MAY 27	12 500	1976
1977	8.78 AT 09:13 EST ON SEP 26	5.13 ON SEP 26	0.085 ON JUL 27	13 000	1977
1978	12.8 AT 17:33 EST ON MAR 21 *	8.10 ON MAR 21	---	---	1978
				10 300	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

SKOOTAMATTA RIVER NEAR ACTINOLITE - STATION NO. 02HL004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	---	---	---	---	---	0.532	0.832	18.2	11.4	2.59	---	1955
1956	2.43	1.44	2.07	43.0	27.0	14.1	1.86	1.48	1.46	1.26	1.84	5.40	8.57	1956
1957	5.76	4.82	13.6	18.4	9.50	3.49	1.57	0.490	1.23	---	---	---	---	1957
1958	---	---	9.20	76.4	9.94	2.09	0.784	---	---	0.416	0.905	1.22	---	1958
1959	1.60	2.11	8.07	39.9	11.1	1.62	0.886	0.438	0.343	1.32	5.37	8.27	8.54	1959
1960	3.82	8.89	5.26	58.1	15.8	3.79	0.757	0.249	0.342	0.786	0.478	0.567	8.01	1960
1961	0.405	0.609	4.33	17.5	16.9	7.54	2.02	0.550	0.276	1.29	0.346	2.36	4.89	1961
1962	1.43	0.679	10.7	33.9	7.78	2.16	0.530	0.255	0.330	1.51	9.35	8.51	5.61	1962
1963	3.58	2.65	11.7	23.5	11.9	3.16	0.306	0.191	0.155	0.186	4.37	5.84	5.63	1963
1964	5.29	4.67	12.4	18.5	11.9	3.03	0.452	0.177	1.35	0.515	0.484	3.42	5.18	1964
1965	3.43	7.56	7.59	35.4	14.4	2.16	0.645	0.401	1.16	8.28	16.6	16.4	9.64	1965
1966	10.3	4.23	21.2	14.9	10.2	5.43	0.723	0.226	0.471	1.22	10.7	26.0	8.84	1966
1967	8.28	7.28	7.38	31.1	10.8	4.68	5.46	1.72	1.90	12.2	22.4	14.1	10.6	1967
1968	7.98	8.08	18.8	18.8	8.06	5.68	3.83	0.678	0.837	0.523	3.21	8.80	8.67	1968
1969	8.70	10.3	18.3	34.2	31.8	8.85	1.86	0.839	1.65	0.457	2.29	4.67	9.79	1969
1970	2.48	3.25	5.11	31.7	15.3	3.93	2.98	1.73	0.732	0.604	4.34	8.95	8.57	1970
1971	4.83	4.70	8.31	44.8	14.5	2.28	1.50	1.41	1.52	1.70	3.42	8.81	8.12	1971
1972	8.08	8.31	8.29	41.3	26.9	5.44	7.07	3.96	1.80	3.88	14.1	13.0	11.4	1972
1973	10.5	11.9	39.1	25.1	10.2	3.18	1.40	1.22	0.921	0.659	2.37	7.58	10.0	1973
1974	11.4	8.58	18.7	37.7	26.2	4.69	1.38	1.14	1.28	1.87	4.83	7.88	10.4	1974
1975	8.18	5.74	20.8	35.3	13.4	2.41	1.03	0.981	0.358	0.287	0.454	4.31	7.78	1975
1976	4.04	8.38	32.5	37.0	8.78	2.37	0.895	0.757	0.675	1.08	2.33	2.78	8.44	1976
1977	2.70	2.78	28.3	17.0	3.44	1.01	0.298	1.47	1.22	1.83	4.08	13.3	5.58	1977
1978	12.7	8.85	5.90	44.2	18.4	3.08	0.765	0.717	0.855	0.645	3.52	7.18	8.93	1978
1979	9.48	8.40	33.8	38.4	13.0	4.38	0.889	0.844	0.594	1.92	6.92	16.9	11.0	1979
1980	11.8	3.30	21.8	28.7	11.8	3.75	1.48	0.955	0.671	2.83	6.57	11.2	8.73	1980
1981	3.05	34.3	21.4	11.1	7.82	7.32	2.48	1.61	8.71	8.88	13.5	7.87	10.6	1981
1982	5.83	3.15	8.67	40.0	10.8	4.38	1.48	1.06	0.803	0.838	8.18	24.3	8.18	1982
1983	13.6	8.97	17.6	21.5	25.4	5.78	0.882	0.618	0.398	0.478	2.88	10.1	8.02	1983
1984	8.09	22.3	16.5	41.4	17.7	2.95	0.765	0.771	0.611	0.830	2.44	8.37	8.81	1984
MEAN	8.45	7.15	15.1	30.8	14.3	4.18	1.81	0.840	1.18	2.82	5.85	8.84	8.37	MEAN

LOCATION - LAT 44 32 58 N DRAINAGE AREA, 712 km²
LONG 77 19 46 W NATURAL FLOW

REMARKS - SEASONAL REGULATION

SKOOTAMATTA RIVER NEAR ACTINOLITE - STATION NO. 02HL004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	---	62.9 ON APR 7	0.170 ON NOV 10	271 000	1956
1957	---	31.7 ON APR 7	0.170 ON AUG 31	---	1957
1958	---	---	---	---	1958
1959	---	64.0 ON APR 8	0.288 ON OCT 1	208 000	1959
1960	---	75.0 ON APR 14	0.153 ON SEP 29	254 000	1960
1961	---	34.3 ON MAY 21	0.159 ON AUG 17	148 000	1961
1962	---	58.9 ON MAR 30	0.079 ON JUL 19	177 000	1962
1963	---	74.5 ON MAR 31	0.082 ON AUG 4	177 000	1963
1964	28.6 AT 18:00 EST ON APR 15	28.0 ON APR 15	0.017 ON AUG 10 *	184 000	1964
1965	75.3 AT 22:00 EST ON APR 13	71.4 ON APR 13	0.184E ON AUG 24	304 000	1965
1966	58.3 AT 08:00 EST ON DEC 9	56.8 ON DEC 9	0.125 ON AUG 1	278 000	1966
1967	56.4 AT 19:00 EST ON APR 3	55.5 ON APR 3	0.314 ON SEP 14	334 000	1967
1968	51.8 AT 01:50 EST ON MAR 29	50.4 ON MAR 29	0.181 ON OCT 8	211 000	1968
1969	77.9 AT 08:20 EST ON MAY 20	75.3 ON MAY 20	0.108 ON OCT 15	309 000	1969
1970	45.3 AT 23:00 EST ON APR 10	43.8 ON APR 18	0.394 ON OCT 11	207 000	1970
1971	69.7 AT 14:33 EST ON APR 14	66.5 ON APR 14	0.640 ON AUG 11	256 000	1971
1972	83.6 AT 06:34 EST ON APR 19	83.0 ON APR 19	0.600 ON SEP 23	360 000	1972
1973	80.4 AT 01:00 EST ON MAR 19	76.5 ON MAR 19	0.513 ON OCT 23	316 000	1973
1974	85.2 AT 19:48 EST ON APR 5	81.6 ON APR 5	0.326 ON JUL 21	329 000	1974
1975	82.7 AT 21:19 EST ON APR 20	77.8 ON APR 20	0.144 ON OCT 11	245 000	1975
1976	108 AT 08:16 EST ON APR 2	107 ON APR 2	0.311 ON JUL 18	287 000	1976
1977	75.3 AT 03:31 EST ON MAR 15	69.7 ON MAR 15	0.227 ON JUL 27	208 000	1977
1978	69.1 AT 08:36 EST ON APR 22	68.8 ON APR 22	0.430 ON SEP 8	282 000	1978
1979	---	74.6A ON MAR 26	0.282 ON OCT 4	346 000	1979
1980	116 AT 22:27 EST ON MAR 22	102 ON MAR 22	0.588 ON OCT 1	276 000	1980
1981	139 AT 02:50 EST ON FEB 25 *	130 ON FEB 25 *	0.730 ON AUG 26	333 000	1981
1982	60.8 AT 10:04 EST ON APR 22	59.7 ON APR 22	0.518 ON SEP 22	280 000	1982
1983	42.9 AT 07:28 EST ON MAY 5	41.3 ON MAY 4	0.259E ON SEP 29	285 000	1983
1984	85.3 AT 05:57 EST ON APR 7	82.7 ON APR 7	0.386 ON OCT 13	304 000	1984
				284 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOPER CREEK AT BOWMANVILLE - STATION NO. 02HD007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	3.01	0.887	0.293	0.182	0.272	0.304	0.454	0.510	0.843	---	1959
1960	0.517	1.13	0.834	3.88	2.26	0.888	0.415	0.308	0.388	0.404	0.888	0.387	1.00	1960
1961	0.186	0.880	0.975	1.14	0.798	0.650	0.424	0.430	0.386	0.336	0.501	0.607	0.603	1961
1962	0.444	0.423	1.80	0.885	0.352	0.255	0.215	0.253	0.292	0.470	0.908	0.518	0.553	1962
1963	0.388	0.388	1.40	0.820	0.827	0.350	0.276	0.238	0.285	0.251	0.359	0.280	0.451	1963
1964	0.759	0.488	0.921	0.837	0.453	0.306	0.537	0.340	0.272	0.322	0.381	0.835	0.523	1964
1965	0.479	1.58	1.07	1.87	0.508	0.288	0.343	0.231	0.255	0.802	1.12	1.16	0.786	1965
1966	0.520	0.950	1.32	0.975	0.546	0.374	0.188	0.288	0.299	0.284	0.934	1.89	0.889	1966
1967	1.31	0.550	2.10	1.82	0.581	0.525	0.520	0.440	0.330	---	---	---	---	1967
1968	---	---	---	---	---	---	0.238	0.332	0.357	0.381	0.858	0.880	---	1968
1969	2.85	0.958	1.47	1.88	0.998	0.678	0.483	0.805	0.355	0.424	0.737	0.772	1.00	1969
1970	0.473	1.10	2.28	1.82	0.751	0.408	0.379	0.317	0.370	0.438	0.874	0.788	0.784	1970
1971	0.478	1.61	1.71	2.84	0.477	0.431	0.318	0.283	0.325	0.359	0.475	0.884	0.813	1971
1972	0.832	0.488	1.26	4.22	0.898	0.491	0.425	0.402	0.378	0.851	0.906	1.35	1.01	1972
1973	1.36	1.25	3.09	1.88	1.12	---	---	---	---	---	---	---	---	1973
1975	---	---	---	---	---	0.458	0.290	0.248	0.383	0.380	0.508	0.841	---	1975
1976	0.617	1.44	2.88	1.24	1.47	0.814	0.449	0.410	0.405	0.451	0.437	0.348	0.888	1976
1977	0.282	0.338	2.38	1.20	0.482	0.380	0.319	0.443	0.613	0.785	1.30	1.39	0.824	1977
1978	1.44	0.631	2.50	4.82	1.24	0.433	0.308	0.388	0.521	0.595	0.833	0.643	1.18	1978
1979	0.448	0.343	1.81	1.65	0.880	0.418	0.286	0.389	0.343	0.492	0.737	0.888	0.734	1978
1980	0.883	0.344	4.32	2.26	0.629	0.805	0.870	0.458	0.540	0.723	0.785	0.854	1.09	1980
1981	0.298	3.34	1.01	0.875	0.840	0.480	0.417	0.454	0.738	1.01	1.02	0.559	0.883	1981
1982	0.628	0.455	3.19	2.43	0.882	1.21	0.461	0.381	0.441	0.488	0.938	1.23	1.05	1982
1983	0.855	1.23	1.37	1.54	1.40	0.488	0.298	0.353	0.324	0.804	0.894	1.31	0.886	1983
1984	0.522	2.43	1.79	2.06	0.838	0.421	0.348	0.432	0.581	0.470	0.773	0.826	0.950	1984
MEAN	0.742	1.01	1.89	1.94	0.838	0.485	0.367	0.361	0.383	0.492	0.742	0.827	0.835	MEAN

LOCATION - LAT 43 54 08 N LONG 78 40 21 W DRAINAGE AREA, 77.7 km^2 NATURAL FLOW

SOPER CREEK AT BOWMANVILLE - STATION NO. 02HD007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	---	---	---	1959
1960	---	21.0 ON MAY 9	0.095 ON AUG 4	31 700	1960
1961	---	4.81 ON DEC 5	0.057B ON JAN 21 *	19 000	1961
1962	---	8.01 ON NOV 10	0.187 ON JUL 15	17 400	1962
1963	---	3.54B ON MAR 27	0.195 ON AUG 5	14 200	1963
1964	---	5.24 ON DEC 25	0.224 ON AUG 11	16 500	1964
1965	---	11.2 ON APR 12	0.176 ON AUG 18	24 200	1965
1966	58.6B AT 03:15 EST ON MAR 1 *	12.1 ON DEC 7	0.173E ON JUL 18	22 000	1966
1967	---	5.26 ON APR 3	0.269E ON SEP 14	---	1967
1968	---	---	---	---	1968
1969	30.0 AT 23:20 EST ON JAN 30	16.4 ON JAN 30	0.249 ON JUL 24	31 600	1969
1970	10.8 AT 20:48 EST ON APR 2	7.08B ON MAR 20	0.285 ON AUG 9	25 000	1970
1971	18.1 AT 20:28 EST ON APR 2	14.6 ON APR 2	0.190 ON AUG 7	25 800	1971
1972	32.3 AT 11:00 EST ON APR 13	18.2 ON APR 13	0.235 ON SEP 7	31 800	1972
1973	22.7 AT 20:36 EST ON APR 1	14.9 B ON MAR 4	---	---	1973
1975	---	---	0.139 ON AUG 2	---	1975
1976	26.5 AT 20:24 EST ON MAR 20	15.8 ON MAR 21	0.215B ON DEC 8	28 100	1976
1977	36.5 AT 08:55 EST ON MAR 13	17.5 ON MAR 13	0.248B ON FEB 7	26 000	1977
1978	---	14.7 E ON APR 7	0.235 ON JUL 18	37 100	1978
1979	21.0E AT 17:00 EST ON APR 2	7.46E ON APR 2	0.226 ON JUL 21	23 200	1979
1980	---	59.7 E ON MAR 21 *	0.080B ON FEB 1	34 800	1980
1981	---	23.3 B ON FEB 20	0.272 ON JUL 14	27 800	1981
1982	45.7 AT 15:53 EST ON APR 3	16.7 ON APR 3	0.293 ON AUG 15	33 000	1982
1983	52.0 AT 00:12 EST ON FEB 3	11.6 ON FEB 3	0.242 ON JUL 27	28 000	1983
1984	---	25.0 B ON FEB 14	0.273 ON JUL 25	30 000	1984
				26 300	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH BRANCH MUSKOKA RIVER AT BAYSVILLE - STATION NO. 02EB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	---	---	---	---	---	---	---	---	12.4	9.35	14.5	19.2	---	1941
1942	13.2	14.0	24.5	45.5	44.8	24.6	12.7	11.7	12.1	11.4	18.3	21.8	21.2	1942
1943	17.9	27.4	35.2	33.4	91.5	24.0	16.6	16.5	14.4	16.6	13.8	15.7	27.0	1943
1944	17.7	15.4	10.8	10.9	16.9	11.5	11.0	12.0	12.4	13.9	16.1	19.7	14.0	1944
1945	15.2	13.9	27.3	32.6	31.1	31.9	14.1	13.2	12.6	14.6	16.8	19.1	20.2	1945
1946	25.2	36.2	39.4	19.0	11.9	14.9	14.1	13.2	11.5	10.6	11.6	15.2	18.5	1946
1947	20.3	28.3	33.5	60.5	85.4	46.0	16.4	14.5	13.7	11.9	11.5	11.8	29.4	1947
1948	11.9	12.6	29.7	61.0	32.5	17.8	12.7	15.0	10.9	8.74	13.5	21.8	20.7	1948
1949	22.5	35.7	33.4	66.9	21.9	13.9	13.4	13.5	11.1	8.41	8.07	9.80	21.2	1949
1950	37.7	43.5	27.1	32.7	24.7	11.5	10.0	11.4	12.1	9.98	10.7	18.4	20.7	1950
1951	23.6	26.6	31.2	92.9	62.5	10.1	9.55	9.33	8.37	9.10	36.7	36.5	29.6	1951
1952	29.3	26.7	24.7	58.2	29.2	18.3	9.75	9.89	12.6	12.0	7.72	11.9	20.9	1952
1953	13.1	23.6	47.3	46.0	22.5	12.4	12.0	15.0	11.2	6.85	6.16	5.83	18.5	1953
1954	8.64	13.8	33.3	50.5	23.4	24.7	7.63	9.96	15.5	54.3	33.7	15.5	24.3	1954
1955	20.8	35.8	24.5	58.5	18.2	7.38	7.08	7.46	5.88	7.49	20.7	10.7	18.4	1955
1956	14.3	23.5	23.6	18.0	44.4	22.1	28.3	12.5	21.2	21.1	14.3	20.1	21.8	1956
1957	19.2	31.6	29.6	24.4	10.6	21.4	67.6	13.7	17.6	12.3	39.2	43.6	27.6	1957
1958	49.0	26.8	26.4	12.3	2.91	6.89	8.29	10.4	13.4	12.4	15.2	20.0	17.2	1958
1959	15.7	23.1	28.2	43.9	49.3	15.3	9.70	12.1	15.5	15.2	35.6	31.8	24.7	1959
1960	25.4	24.0	25.6	72.0	49.2	19.9	19.7	11.5	28.6	10.7	13.6	12.3	25.8	1960
1961	10.5	12.5	19.6	27.1	23.0	15.1	15.4	12.3	12.3	14.3	8.94	10.8	15.2	1961
1962	14.2	24.0	14.1	18.9	15.8	4.21	2.91	6.38	10.9	22.4	9.13	15.4	13.1	1962
1963	14.8	12.8	16.4	27.8	26.3	13.0	4.24	9.18	17.2	18.9	13.0	17.0	15.9	1963
1964	17.2	22.4	18.2	10.8	18.8	7.84	4.26	5.35	10.6	13.3	9.32	14.5	12.7	1964
1965	26.8	23.5	22.2	28.8	45.7	7.25	4.67	10.7	28.2	62.0	30.2	57.7	28.8	1965
1966	33.0	27.8	28.7	34.5	21.2	18.4	8.86	8.68	12.5	14.7	36.3	65.6	25.6	1966
1967	28.6	33.5	26.9	42.6	14.1	29.2	20.0	13.3	26.6	32.9 R	82.8 R	29.8 R	30.2R	1967
1968	28.7 R	41.7R	32.8R	22.8R	4.88	3.60	8.02	12.6 R	22.5 R	18.5 R	8.11	18.3	17.8R	1968
1969	21.2	24.1	31.0	38.6	45.8	17.9	12.3	8.68	10.4	18.8	27.5	23.7	23.3	1969
1970	20.2	22.2	22.3	26.3	43.6	13.8	49.8	20.4	11.2	30.8	21.3	25.6	25.8	1970
1971	19.7	27.3	38.1	47.5	33.6	11.1	5.18	5.79	13.2	7.55	8.36	10.4	18.7	1971
1972	19.2	24.0	31.6	40.1	64.3	18.5	26.1	31.8	18.0	24.7	31.9	21.6	28.2	1972
1973	28.5	40.9	57.3	58.6	34.7	31.9	17.8	16.5	15.9	18.8	10.7	25.5	29.6	1973
1974	26.9	33.3	40.6	57.1	64.7	19.7	7.64	8.83	12.3	26.1	28.4	22.6	28.7	1974
1975	20.3	23.1	40.1	35.5	31.5	6.62	3.38	5.05	13.6	20.1	10.4	32.0	20.0	1975
1976	35.0	27.6	50.5	69.1	26.0	8.49	16.6	8.31	8.18	11.8	8.17	12.9	22.4	1976
1977	15.4	13.8	41.5	36.7	13.9	4.04	3.04	3.28	14.4	33.7	24.1	27.5	19.5	1977
1978	29.7	19.5	27.7	25.1	53.4	11.3	3.97	6.32	19.7	26.6	14.7	21.4	21.6	1978
1979	21.6	30.7	50.1	57.4	44.7	15.6	5.09	8.52	22.1	28.3	43.1	40.1	30.6	1979
1980	30.2	25.1	33.0	78.5	20.6	22.5	17.0	22.6	24.3	33.9	30.3	24.3	28.3	1980
1981	20.9	37.1	52.6	31.6	22.3	13.6	5.24	3.96	61.6	37.5	14.6	18.7	26.4	1981
1982	18.3	27.7	31.1	56.3	26.3	14.9	10.3	6.62	11.2	15.6	40.2	61.6	26.3	1982
1983	44.3	26.9	34.6	21.6	65.6	23.1	4.86	2.32	8.56	21.6	17.0	28.1	24.9	1983
1984	21.9	44.1	44.6	37.1	30.6	27.9	13.2	4.27	14.5	18.6	17.9	23.9	24.6	1984
MEAN	23.3 R	26.3R	31.6R	41.1R	34.0	16.6	13.3	10.9 R	15.6 R	19.1 R	20.0 R	23.3 R	22.6	MEAN

LOCATION - LAT 45 08 50 N LONG 79 08 50 W
DRAINAGE AREA, 1 380 km^2
REGULATED
R - REVISED SINCE JAN 1980

SOUTH BRANCH MUSKOKA RIVER AT BAYSVILLE - STATION NO. 02EB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	---	---	---	---	1941
1942	---	79.6 ON MAY 28	5.78 ON JUL 8	889 000	1942
1943	---	108 ON MAY 19	8.21 ON SEP 10	851 000	1943
1944	---	23.5 ON MAY 10	7.02 ON APR 18	444 000	1944
1945	---	70.8 ON APR 1	5.69 ON APR 18	638 000	1945
1946	---	52.7 ON MAR 30	3.40 ON APR 21	583 000	1946
1947	---	103 ON MAY 4	8.97 ON NOV 8	927 000	1947
1948	---	77.9 ON APR 12	7.48 ON OCT 5	853 000	1948
1949	---	71.9 ON APR 17	3.45 ON JUL 6	889 000	1949
1950	---	58.7 ON FEB 1	5.89 ON JUN 23	653 000	1950
1951	---	116 ON APR 30	5.27 E ON JUN 18	932 000	1951
1952	---	83.5 ON APR 24	4.96 ON JUL 3	860 000	1952
1953	---	74.5 ON APR 3	4.56 ON OCT 17	582 000	1953
1954	---	86.4 ON OCT 22	6.74 ON JAN 1	785 000	1954
1955	---	87.8 ON APR 24	3.40 ON MAY 12	579 000	1955
1956	---	78.7 ON MAY 17	5.13 ON APR 28	890 000	1956
1957	---	126 ON JUL 6 *	0.510 ON MAY 7 *	872 000	1957
1958	---	68.0 ON JAN 1	2.04 ON MAY 23	542 000	1958
1959	---	89.8 ON MAY 2	4.96 ON JAN 21	778 000	1959
1960	---	117 ON APR 25	1.59 ON FEB 5	817 000	1960
1961	---	86.6 ON APR 29	5.27 ON MAY 13	478 000	1961
1962	---	31.7 ON MAY 8	1.20 ON JUL 20	414 000	1962
1963	---	55.2 ON APR 8	2.41 ON JUL 3	501 000	1963
1964	---	35.4 ON APR 26	0.510 ON APR 20	402 000	1964
1965	---	81.3 ON OCT 16	2.87 ON JUL 8	912 000	1965
1966	---	92.0 ON DEC 10	1.80 ON JUL 18	804 000	1966
1967	---	77.0R ON NOV 5	5.18 ON JUN 7	952 000R	1967
1968	---	48.7R ON FEB 16	1.42 ON MAY 17	583 000R	1968
1969	---	94.0 ON MAY 22	8.10 ON AUG 27	734 000	1969
1970	---	90.9 ON JUL 26	4.59 ON JUN 24	818 000	1970
1971	---	78.2 ON APR 26	3.11 ON JUN 24	591 000	1971
1972	---	87.5 ON MAY 10	4.18 ON SEP 26	924 000	1972
1973	---	78.4 ON APR 7	5.80 ON JUL 27	933 000	1973
1974	---	104 ON APR 25	1.81 ON JUL 28	905 000	1974
1975	---	76.2 ON MAY 5	2.41 ON JUL 13	830 000	1975
1976	---	112 ON APR 4	5.01 ON SEP 10	707 000	1976
1977	---	63.4 ON APR 4	2.41 ON JUL 30	814 000	1977
1978	---	85.7 ON MAY 6	3.23 ON JUL 12	881 000	1978
1979	---	95.8 ON APR 7	3.81 ON JUN 28	867 000	1979
1980	---	123 ON APR 18	2.02 ON JUL 15	926 000	1980
1981	---	81.2 ON SEP 6	2.62 ON AUG 3	833 000	1981
1982	---	100 ON APR 30	5.90 ON SEP 1	830 000	1982
1983	---	108 ON MAY 11	2.13 ON JUL 28	787 000	1983
1984	---	75.7 ON MAY 29	4.01 ON JUL 28	783 000	1984
				721 000R	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

SOUTH BRANCH MUSKOKA RIVER AT BLACK BRIDGE - STATION NO. 02EB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	26.3 R	7.22R	7.08R	8.87R	9.44R	13.3R	---	1914
1915	19.2	17.3	15.8	49.8	35.8	34.8	19.0	15.7	14.5	17.5	15.3	17.8	22.9	1915
1916	22.3	37.2R	28.6R	84.0R	80.0R	55.6R	21.5 R	10.4 R	8.86R	9.54R	19.4 R	41.7R	34.6R	1916
1917	35.0 R	22.1R	18.6R	71.1R	61.9R	49.7R	39.8 R	19.6 R	13.9 R	12.5 R	15.6 R	26.5R	32.0R	1917
1918	11.5 R	12.1R	15.2R	49.8R	49.0R	41.5	25.2	9.63	11.6	25.5	38.8	31.2	28.8R	1918
1919	33.4	23.1	29.0	69.1	56.5	43.8	21.8	8.78	7.82	15.1	45.9	49.1	33.6	1919
1920	25.1	16.5	23.8	51.9	44.8	32.3	22.1	8.42	5.74	9.83	18.4	23.5	23.4	1920
1921	33.3	25.7	62.2	102	51.5	27.7	8.72	4.89	5.18	8.62	8.29	10.3	28.7	1921
1922	17.2	17.4	17.2	85.9	52.5	31.5	15.8	10.1	9.28	7.57	7.72	11.0	23.5	1922
1923	13.9	15.4	26.7	56.5	80.7	41.9	33.1	11.9	9.01	7.42	8.00	15.1	28.7	1923
1924	26.2	23.1	30.3	52.6	77.0	44.2	30.5	10.6	8.55	5.70	8.64	10.6	27.0	1924
1925	9.88	11.8	25.2	76.5	34.3	34.8	11.7	19.9	8.54	7.23	17.6	21.3	23.0	1925
1926	11.6	11.2	14.3	36.4	66.2	50.1	30.6	26.3	15.7	17.6	66.6	51.6	32.4	1926
1927	21.7	20.0	30.4	38.7	38.3	45.9	28.2	21.5	15.3	15.6	21.7	43.5	28.3	1927
1928	28.1	27.6	43.2	103	64.6	34.4	32.0	24.2	30.3	62.9	55.2	41.2	45.6	1928
1929	28.0	36.3	57.9	105	101	47.2	26.0	---	---	---	---	---	---	1929
MEAN	23.4 R	21.3R	29.2R	66.6R	59.6R	41.0R	24.4 R	13.9 R	11.2 R	15.2 R	22.7 R	27.2R	29.2	MEAN

LOCATION - LAT 44 59 00 N DRAINAGE AREA, 1 730 km^2
LONG 79 15 02 W REGULATED

R - REVISED SINCE JAN 1980

SOUTH BRANCH MUSKOKA RIVER AT BLACK BRIDGE - STATION NO. 02EB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	105 ON APR 15	14.2 ON FEB 18	723 000	1915
1916	---	127 R ON APR 26	7.93R ON OCT 13	1 100 000R	1916
1917	---	103 R ON APR 28	9.57R ON MAR 15	1 010 000R	1917
1918	---	86.4R ON APR 27	7.93 ON AUG 16	845 000R	1918
1919	---	92.0 ON APR 21	3.28 ON SEP 9	1 080 000	1919
1920	---	84.8 ON APR 4	4.19 ON OCT 22	738 000	1920
1921	---	135 ON APR 1	3.31 ON AUG 31	904 000	1921
1922	---	137 ON APR 21	6.63 ON OCT 3	743 000	1922
1923	---	88.8 ON MAY 23	7.05 ON OCT 19	843 000	1923
1924	---	105 ON MAY 24	2.83 ON SEP 18	853 000	1924
1925	---	86.9 ON APR 4	1.70 ON SEP 6 *	728 000	1925
1926	---	89.2 ON NOV 27	9.49 ON JUL 11	1 020 000	1926
1927	---	84.6 ON MAY 23	12.4 ON OCT 21	893 000	1927
1928	---	144 ON APR 5 *	14.4 ON AUG 18	1 440 000	1928
1929	---	121 ON MAY 4	---	---	1929
				921 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

SOUTH BRANCH MUSKOKA RIVER AT MATHIAS - STATION NO. 02EB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1929	---	---	---	---	---	---	---	---	---	---	9.55	10.9	---	1929
1930	12.8	21.3	38.6	32.8	50.8	31.9	21.2	13.3	13.1	13.2	13.6	13.9	23.1	1930
1931	13.7	15.9	17.4	31.8	23.0	14.4	8.76	11.3	10.8	12.8	14.6	27.1	16.8	1931
1932	32.5	46.6	37.5	64.0	33.9	22.5	26.2	14.9	31.5	56.4	71.2	34.2	38.4	1932
1933	40.8	29.0	21.0	76.4	58.4	27.1	14.5	12.7	11.2	7.93	6.20	6.46	25.9	1933
1934	12.3	13.8	22.2	52.5	57.8	13.7	14.1	12.1	11.1	11.5	12.7	19.3	21.1	1934
1935	17.7	14.1	28.3	47.8	20.1	35.2	30.8	16.1	15.7	16.8	18.9	17.7	23.3	1935
1936	16.1	18.4	33.5	48.0	71.0	32.8	18.2	12.5	8.82	11.5	21.2	12.8	25.3	1936
1937	53.8	36.9	33.5	55.2	80.9	21.3	14.1	10.8	10.8	11.7	26.1	15.8	29.7	1937
1938	14.3	17.7	49.6	88.2	48.8	31.4	14.8	13.7	15.3	17.5	14.1	22.1	28.9	1938
1939	16.0	16.8	30.3	42.6	86.9	18.5	16.5	15.4	15.7	13.5	12.3	11.8	24.8	1939
1940	10.7	11.4	11.8	14.2	44.2	25.7	15.4	16.6	23.8	18.7	29.6	28.3	20.9	1940
1941	23.1	21.0	25.0	51.8	29.5	14.6	15.2	14.3	12.7	11.1	18.7	23.1	21.7	1941
1942	16.6	16.3	30.9	58.1	51.0	28.5	12.5	11.3	13.1	13.4	24.5	24.3	24.9	1942
1943	20.0	28.2	37.0	50.1	102	29.1	18.2	17.3	15.1	17.2	18.7	18.7	30.7	1943
1944	18.3	16.6	12.2	21.2	23.0	14.2	12.8	12.6	13.1	16.1	17.3	20.5	16.4	1944
1945	16.3	14.9	39.1	41.3	38.1	35.8	18.1	14.1	12.8	17.3	20.4	21.0	23.8	1945
1946	27.8	38.3	48.8	26.4	16.0	15.9	14.5	13.4	11.7	11.1	13.4	17.7	21.3	1946
1947	22.8	29.6	35.5	73.9	88.9	50.7	18.0	15.0	14.1	12.7	13.8	13.8	32.4	1947
1948	13.0	13.8	37.5	72.6	36.0	19.7	13.2	15.5	11.6	9.87	16.9	23.7	23.8	1948
1949	25.3	37.5	38.0	78.3	---	---	---	---	---	---	---	---	---	1949
MEAN	21.1	23.0	31.5	50.6	49.4	25.5	16.4	13.9	14.3	15.6	18.7	19.2	24.9	MEAN

LOCATION - LAT 44 59 20 N DRAINAGE AREA, 1 710 km^2
LONG 79 12 07 W REGULATED

SOUTH BRANCH MUSKOKA RIVER AT MATHIAS - STATION NO. 02EB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1929	---	---	---	---	1929
1930	---	72.8 ON MAY 8	10.0 ON DEC 16	729 000	1930
1931	---	40.8 ON APR 16	7.99 ON AUG 4	530 000	1931
1932	---	85.8 ON NOV 17	13.4 ON AUG 16	1 210 000	1932
1933	---	84.3 ON APR 12	4.76 ON DEC 14 *	815 000	1933
1934	---	71.1 ON MAY 3	9.17 ON OCT 29	887 000	1934
1935	---	73.3 ON JUN 28	12.2 ON OCT 29	734 000	1935
1936	---	93.4 ON MAY 5	8.61 ON SEP 10	789 000	1936
1937	---	85.5 ON MAY 1	8.78 ON AUG 30	936 000	1937
1938	---	116 ON MAR 24 *	10.4 ON DEC 28	810 000	1938
1939	---	101 ON MAY 16	6.63 ON JUN 9	781 000	1939
1940	---	71.1 ON MAY 31	7.79 ON APR 16	681 000	1940
1941	---	83.0 ON APR 28	8.44 ON OCT 16	685 000	1941
1942	---	85.0 ON MAY 27	9.13 ON JUL 2	785 000	1942
1943	---	111 ON MAY 13	9.34 ON SEP 10	968 000	1943
1944	---	34.8 ON APR 25	10.3 ON AUG 10	519 000	1944
1945	---	82.1 ON APR 3	10.9 ON SEP 18	781 000	1945
1946	---	88.5 ON MAR 22	9.00 ON OCT 4	872 000	1946
1947	---	108 ON MAY 3	11.0 ON OCT 29	1 020 000	1947
1948	---	90.9 ON APR 12	7.93 ON OCT 6	748 000	1948
1949	---	---	---	---	1949
				785 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH CASTOR RIVER AT KENMORE - STATION NO. 02LB020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	---	---	0.152	0.149	---	1978
1979	0.133	0.088	9.68	5.59	0.979	0.353	0.183	0.139	0.289	0.484	1.72	4.03	1.98	1979
1980	1.14	0.177	7.85	5.54	1.51	0.287	0.185	0.133	0.201	0.784	1.58	2.01	1.87	1980
1981	0.349	10.4	2.24	2.15	2.24	1.83	0.732	1.26	5.71	4.14	3.48	0.977	2.90	1981
1982	0.776	0.378	2.54	14.5	0.891	0.432	0.270	0.215	0.228	0.289	1.21	4.53	2.18	1982
1983	1.55	2.04	6.28	7.89	4.35	0.846	0.178	0.103	0.091	0.234	3.21	3.32	2.48	1983
1984	0.767	2.51	3.67	15.0	3.13	0.595	0.145	0.207	0.178	0.204	0.321	0.728	2.28	1984
MEAN	0.784	2.59	5.36	8.91	2.18	0.891	0.279	0.346	1.11	1.02	1.67	2.24	2.28	MEAN

LOCATION - LAT 45 13 40 N DRAINAGE AREA, 189 km²
LONG 75 24 46 W NATURAL FLOW

SOUTH CASTOR RIVER AT KENMORE - STATION NO. 02LB020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	---	---	---	---	1978
1979	46.5B AT 18:50 EST ON MAR 24 *	44.6 ON MAR 25	0.024B ON FEB 24	62 500	1979
1980	---	50.0B ON MAR 23 *	0.092 ON AUG 28	59 000	1980
1981	---	39.6B ON FEB 21	0.257 ON AUG 2	91 400	1981
1982	---	46.3B ON APR 2	0.130 ON AUG 22	66 700	1982
1983	22.2 AT 23:55 EST ON MAR 20	20.6 ON MAR 20	0.085 ON AUG 30	78 300	1983
1984	43.6 AT 23:09 EST ON APR 6	41.2 ON APR 7	0.002 ON JUL 25 *	71 400	1984
				71 900	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH INDIAN CREEK NEAR LIMOGES - STATION NO. 02LB019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	---	---	---	0.151	0.148	0.122	---	1978
1979	0.229	0.138	4.52	2.64	0.531	0.288	0.086	0.112	0.184	0.226	0.728	1.01	0.894	1979
1980	0.323	0.043	2.55	2.46	0.826	0.097	0.085	0.091	0.231	0.610	0.747	0.783	0.738	1980
1981	0.149	5.22	1.16	1.20	1.15	2.86	0.203	2.23	1.43	1.33	1.63	0.412	1.57	1981
1982	0.318	0.180	1.25	8.35	0.274	0.153	0.132	0.162	0.161	0.218	0.616	2.16	1.01	1982
1983	0.575	0.727	3.33	2.76	2.04	0.383	0.078	0.089	0.053	0.203	1.63	1.22	1.09	1983
MEAN	0.319	1.26	2.56	3.08	0.864	0.756	0.106	0.533	0.412	0.506	0.850	0.853	1.06	MEAN

LOCATION - LAT 45 21 47 N DRAINAGE AREA, 72.3 km²
LONG 75 15 00 W NATURAL FLOW

REMARKS - STATION DISCONTINUED DEC 31 1983

SOUTH INDIAN CREEK NEAR LIMOGES - STATION NO. 02LB019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1978	---	---	---	---	1978
1979	---	26.0E ON MAR 25	0.023E ON JUL 24	28 200	1979
1980	---	17.5B ON MAR 22	0.019 ON AUG 29	23 300	1980
1981	---	24.4B ON FEB 21	0.059 ON AUG 2	49 800	1981
1982	---	31.8B ON APR 1 *	0.016 ON AUG 22	31 900	1982
1983	---	16.0B ON MAR 19	0.016 ON SEP 14 *	34 400	1983
				33 800	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

SOUTH MAITLAND RIVER AT SUMMERHILL - STATION NO. 02FE009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	5.15	14.8	12.1	---	1967
1968	4.23	22.2	17.0	3.61	1.12	0.742	0.287	2.10	0.456	1.88	8.06	9.31	5.67	1968
1969	10.1	11.0	14.9	19.2	8.36	1.16	0.306	0.154	0.067	0.335	3.89	2.88	5.08	1969
1970	2.00	2.88	6.23	20.2	3.07	0.635	1.32	1.16	0.388	1.26	3.17	8.32	4.04	1970
1971	3.08	4.07	14.8	20.8	1.18	2.04	0.431	0.183	0.148	0.141	0.204	3.11	4.15	1971
1972	3.84	1.77	12.5	20.3	1.69	0.767	0.766	0.185	0.095	1.30	2.59	8.86	4.67	1972
1973	17.7	4.11	18.3	4.76	4.93	1.32	0.312	0.242	0.081	0.116	3.58	5.01	5.08	1973
1974	11.9	4.82	12.1	11.9	10.1	1.79	0.423	0.147	0.096	0.228	3.80	1.74	4.94	1974
1975	9.82	7.23	15.3	18.8	2.09	2.85	0.636	4.54	3.38	0.771	2.54	9.66	6.44	1975
1976	4.18	23.4	31.9	6.80	5.34	0.591	1.36	0.251	0.528	0.588	4.86	1.80	6.76	1976
1977	1.09	1.48	35.8	4.85	0.785	0.413	0.087	1.25	4.48	7.76	10.3	9.84	6.57	1977
1978	2.33	1.86	8.77	29.7	2.84	1.31	0.180	0.087	2.33	7.77	2.59	4.35	5.31	1978
1979	3.90	1.52	33.8	18.3	2.91	0.678	0.446	0.131	0.058	1.22	12.1	14.7	7.53	1979
1980	2.83	0.785	21.2	13.9	3.22	1.20	0.438	1.73	0.670	3.38	2.44	7.86	5.02	1980
1981	0.761	33.6	9.22	4.93	5.68	1.07	0.410	0.236	2.75	13.8	4.86	4.07	6.59	1981
1982	4.04	1.00	22.3	26.5	1.28	3.67	0.468	0.459	0.537	0.524	11.9	21.0	7.63	1982
1983	4.35	8.06	3.74	5.18	8.88	2.38	0.248	0.417	1.51	2.00	4.78	10.2	4.38	1983
1984	1.83	25.3	14.1	5.77	2.20	4.61	0.435	0.160	0.528	0.432	9.71	14.6	6.57	1984
MEAN	5.19	8.11	17.2	13.9	3.93	1.59	0.506	0.788	1.07	2.88	5.80	8.25	5.74	MEAN

LOCATION - LAT 43 41 04 N DRAINAGE AREA, 376 km²
LONG 81 32 38 W NATURAL FLOW

SOUTH MAITLAND RIVER AT SUMMERHILL - STATION NO. 02FE009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1967	---	---	---	---	1967
1968	202 AT 14:15 EST ON FEB 2 *	158 ON FEB 2 *	0.110 ON JUL 30	179 000	1968
1969	83.7 AT 04:00 EST ON APR 5	80.7 ON APR 5	0.037 ON SEP 23	182 000	1969
1970	88.1 AT 19:00 EST ON APR 8	75.8 ON APR 10	0.127 ON AUG 29	128 000	1970
1971	82.8 AT 22:20 EST ON APR 2	57.5 ON APR 3	0.057 ON AUG 21	131 000	1971
1972	81.3 AT 18:59 EST ON DEC 31	66.0 ON DEC 31	0.082 ON SEP 23	148 000	1972
1973	71.4 AT 00:00 EST ON JAN 1	60.6 ON JAN 1	0.034 ON SEP 15	160 000	1973
1974	87.5 AT 05:22 EST ON MAY 17	85.7 ON MAY 17	0.051 ON SEP 11	156 000	1974
1975	178 AT 03:34 EST ON APR 19	112 ON APR 18	0.118 ON AUG 20	203 000	1975
1976	128 AT 01:31 EST ON MAR 21	102 ON MAR 21	0.118 ON AUG 25	214 000	1976
1977	---	148 ON MAR 14	0.004 ON JUL 28 *	207 000	1977
1978	88.8 AT 21:17 EST ON APR 7	80.4 ON APR 7	0.021 ON SEP 7	168 000	1978
1979	89.5 AT 03:41 EST ON APR 14	80.0B ON MAR 5	0.029 ON SEP 28	237 000	1979
1980	90.8 AT 12:39 EST ON MAR 21	76.9 ON MAR 21	0.110 ON SEP 12	159 000	1980
1981	181 AT 13:00 EST ON FEB 23	156 ON FEB 23	0.083 ON AUG 27	208 000	1981
1982	152 AT 20:58 EST ON MAR 31	113 ON APR 1	0.139 ON AUG 18	247 000	1982
1983	41.1 AT 01:53 EST ON DEC 14	38.5 ON DEC 14	0.081 ON SEP 15	138 000	1983
1984	97.7 AT 19:04 EST ON DEC 29	70.8 ON DEC 30	0.070E ON AUG 28	208 000	1984
				181 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH NATION RIVER AT CASSELMAN - STATION NO. 02LB013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	24.0 R	32.1 R	89.7R	180 R	75.9 R	9.63 R	4.19 R	4.88 R	3.20 R	3.52 R	13.1 R	20.4 R	37.5R	1974
1975	---	---	---	---	---	---	---	0.876	6.57	22.1	33.4	39.2	---	1975
1976	4.36	18.3	185	86.8	39.5	3.71	2.54	3.25	2.42	17.7	13.2	3.43	31.8	1976
1977	0.870	0.829	164	52.0	4.21	0.756	2.20	1.20	2.54	38.6	33.8	35.0	28.4	1977
1978	49.5	31.6	31.6	253	11.2	1.92	0.842	0.704	0.448	0.588	1~25	1.99	31.0	1978
1979	4.99	5.32	139	71.5	11.9	4.05	0.872	0.678	13.2	13.5	31.5	48.6	28.6	1979
1980	12.4	1.24	93.2	77.2	17.7	1.72	0.688	0.752	2.81	14.7	32.1	31.0	23.9	1980
1981	4.16	135	27.4	26.2	29.2	27.8	7.61	19.8	39.5	48.7	46.1	16.0	35.0	1981
1982	9.36	2.61	67.7	184	9.47	5.16	1.67	2.38	2.84	3.56	22.2	53.3	27.0	1982
1983	18.5	20.8	75.3	93.5	55.0	5.84	0.815	0.886	0.248	1.61	40.0	56.3	30.8	1983
1984	10.8	82.8	42.2	166	31.8	5.44	0.508	2.40	1.04	0.688	1.68	8.20	27.2	1984
MEAN	13.8 R	30.1 R	91.5R	114 R	28.6 R	5.81 R	2.19 R	3.40 R	6.81 R	15.1 R	24.8 R	28.1 R	30.1	MEAN

LOCATION - LAT 45 18 01 N DRAINAGE AREA, 2 410 km²
LONG 75 05 32 W REGULATED

R - REVISED SINCE JAN 1980

SOUTH NATION RIVER AT CASSELMAN - STATION NO. 02LB013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	640 ON APR 5	3.09 ON SEP 20	1 180 000R	1974
1975	---	---	0 ON AUG 18 *	---	1975
1976	1 010 AT 04:15 EST ON MAR 28 *	903 ON MAR 28 *	0.442 ON AUG 30	1 010 000	1976
1977	897 AT 20:13 EST ON MAR 14	880 ON MAR 14	0.408 ON JUN 17	885 000	1977
1978	8278 AT 23:59 EST ON APR 14	7368 ON APR 14	0.204 ON OCT 11	977 000	1978
1979	567 AT 04:42 EST ON MAR 25	536 ON MAR 25	0.159 ON JUL 23	908 000	1979
1980	548 AT 03:53 EST ON MAR 22	516 ON MAR 22	0.180 ON AUG 11	785 000	1980
1981	525 AT 09:51 EST ON FEB 21	499 ON FEB 21	1.01 ON AUG 1	1 100 000	1981
1982	921 AT 09:49 EST ON APR 1	846 ON APR 1	0.368 ON AUG 21	852 000	1982
1983	338 AT 19:49 EST ON MAR 19	283 ON MAR 20	0.079 ON SEP 18	970 000	1983
1984	548 AT 22:44 EST ON APR 5	491 ON APR 8	0.188 ON JUL 27	880 000	1984
				951 000R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

SOUTH NATION RIVER AT CHESTERVILLE - STATION NO. 02LB009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	---	---	---	---	---	---	---	---	---	1950
1951	---	---	---	---	---	---	---	---	---	---	---	---	---	1951
1952	---	---	---	---	---	---	---	---	---	---	---	---	---	1952
1955	---	---	---	83.8	---	---	---	---	---	---	---	---	---	1955
1956	---	---	---	59.4	---	---	---	---	---	---	---	---	---	1956
1957	---	---	---	9.92	---	---	---	---	---	---	---	---	---	1957
1958	---	---	---	23.4	---	---	---	---	---	---	---	---	---	1958
1959	---	---	15.5	88.7	---	---	---	---	---	---	---	---	---	1959
1960	---	---	6.23	121	---	---	---	---	---	---	---	---	---	1960
1961	---	---	20.0	22.4	---	---	---	---	---	---	---	---	---	1961
1962	---	---	24.5	87.9	---	---	---	---	---	---	---	---	---	1962
1963	---	---	14.8	---	---	---	---	---	---	---	---	---	---	1963
1964	---	---	31.1	22.4	---	---	---	---	---	---	---	---	---	1964
1965	---	---	22.2	19.3	---	---	---	---	---	---	---	---	---	1965
1966	---	---	84.3	13.0	---	---	---	---	---	---	---	---	---	1966
1967	---	---	12.6	45.5	---	---	---	---	---	---	---	---	---	1967
1968	---	---	53.6	29.3	---	---	---	---	---	---	---	---	---	1968
1969	---	---	26.4	84.3	---	---	---	---	---	---	---	---	---	1969
1970	---	---	16.4	91.5	6.13	---	---	---	---	---	---	---	---	1970
1971	---	---	19.8	131	---	---	---	---	---	---	---	---	---	1971
1972	1.24	0.532	3.05	98.7	14.1	12.4	9.29	1.69	0.186	9.56	31.0	16.0	18.2	1972
1973	12.3	10.7	88.3	34.4	33.2	20.2	1.52	0.219	0.208	2.43	4.36	9.08	18.3	1973
1974	13.3	10.2	46.8	70.4	30.6	3.19	1.85	0.231	0.082	0.078	1.85	5.15	15.3	1974
1975	---	---	---	80.0	---	---	---	---	---	---	---	---	---	1975
1976	---	---	---	41.8	---	---	---	---	---	---	---	---	---	1976
1977	---	---	77.3	34.5	5.03	---	---	---	---	---	---	---	---	1977
1978	---	---	18.6	109	---	---	---	---	---	---	---	---	---	1978
1979	---	---	51.8	20.8	---	---	---	---	---	---	---	---	---	1979
1980	---	---	45.3	39.8	6.10	---	---	---	---	---	---	---	---	1980
1981	---	---	13.8	---	---	---	---	---	---	---	---	---	---	1981
1982	---	---	---	63.6	---	---	---	---	---	---	---	---	---	1982
1984	---	---	18.8	---	---	---	---	---	---	---	---	---	---	1984
MEAN	8.95	7.14	31.1	54.7	15.9	11.8	4.22	0.780	0.152	4.02	12.4	10.1	15.8	MEAN

LOCATION - LAT 45 06 03 N DRAINAGE AREA, 1 050 km^2
LONG 75 13 36 W REGULATED

REMARKS - SPRING FRESHET OPERATIONAL ONLY. NO DATA FOR 1983

SOUTH NATION RIVER AT CHESTERVILLE - STATION NO. 02LB009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1950	---	278 ON APR 5 *	---	---	1950
1951	---	178 ON APR 1	---	---	1951
1952	---	177 ON APR 3	---	---	1952
1955	---	191 B ON APR 6	---	---	1955
1956	---	178 B ON APR 6	---	---	1956
1957	---	80.6 ON MAR 17	---	---	1957
1958	---	155 ON MAR 28	---	---	1958
1959	---	213 ON APR 3	---	---	1959
1960	---	236 ON APR 7	---	---	1960
1961	---	91.5 ON MAR 28	---	---	1961
1962	---	253 ON MAR 31	---	---	1962
1963	---	245 B ON APR 1	---	---	1963
1964	---	91.2 ON MAR 7	---	---	1964
1965	---	99.18 ON MAR 7	---	---	1965
1966	---	128 ON MAR 20	---	---	1966
1967	---	142 B ON APR 3	---	---	1967
1968	---	181 ON MAR 29	---	---	1968
1969	---	135 B ON MAR 28	---	---	1969
1970	---	194 ON APR 10	---	---	1970
1971	---	272 ON APR 14	---	---	1971
1972	---	216 ON APR 17	0.113 ON JUN 18	513 000	1972
1973	---	215 ON MAR 18	0.133 ON SEP 11	573 000	1973
1974	---	191 ON APR 5	0.031 ON SEP 7	483 000	1974
1975	---	116 ON APR 17	---	---	1975
1976	---	241 B ON MAR 28	---	---	1976
1977	---	238 ON MAR 14	---	---	1977
1978	---	218 ON APR 14	---	---	1978
1979	---	120 ON MAR 25	---	---	1979
1980	---	158 B ON MAR 23	0 ON MAR 2 *	---	1980
1981	---	172 B ON FEB 21	---	---	1981
1982	---	242 B ON APR 1	---	---	1982
1984	---	185 ON APR 6	---	---	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		523 000	MEAN

SOUTH NATION RIVER AT SPENCERVILLE - STATION NO. 02LB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1948	---	---	15.4	5.75	3.71	1.83	1.19	0.808	0.104	0.028	0.757	1.94	---	1948
1949	---	---	11.0	12.4	3.57	0.881	0.088	0.028	0.028	0.028	0.223	3.52	---	1949
1950	8.97	1.17	5.54	23.3	1.68	0.850	0.078	0.028	0.028	0.028	0.921	3.55	3.84	1950
1951	7.41	3.09	17.7	12.1	1.47	0.513	3.48	0.340	0.085	0.028	2.76	3.05	4.36	1951
1952	4.47	4.86	5.41	11.4	3.58	1.13	0.255	1.22	0.788	1.44	0.880	3.79	3.27	1952
1953	2.51	2.52	12.4	4.44	5.03	0.818	0.386	0.198	0.014	0.028	0.340	2.34	2.61	1953
1954	0.880	4.53	24.1	18.2	4.22	1.02	0.993	0.157	1.79	3.80	7.58	3.51	5.67	1954
1955	2.47	0.838	18.4	16.8	2.02	0.736	0.173	0.332	0.188	4.21	3.88	0.855	4.19	1955
1956	0.763	0.103	0.587	19.3	7.16	3.55	0.512	0.093	0	0	0.324	1.18	2.78	1956
1957	1.18	3.40	8.18	4.70	2.82	1.07	0.816	0.078	0	0	0.085	1.81	1.77	1957
1958	1.02	0.307	9.80	6.95	2.88	0.603	0.218	0	0	0.269	1.28	0.821	2.02	1958
1959	0.880	0.534	5.51	15.9	1.14	0.313	1.14	0.594	0.610	2.13	2.80	5.21	3.13	1959
1960	0.880	1.58	3.07	32.9	3.16	1.45	0.227	0.028	0.018	0.010	0.008	0.003	3.57	1960
1961	0	0.044	5.43	7.43	2.38	1.52	0.891	0.253	0.128	0.083	0.022	0.786	1.57	1961
1962	0.298	0.238	7.11	12.6	1.48	0.220	0.074	0.019	0.008	0.081	2.18	0.881	2.11	1962
1963	0.318	0.288	7.18	8.28	4.92	0.528	0.213	0.033	0.011	0.011	0.015	0.487	1.87	1963
1964	1.85	0.758	8.28	8.45	2.42	0.548	0.212	0.008	0.008	0.009	0.013	0.041	1.83	1964
1965	0.210	1.81	4.08	5.80	1.41	0.293	0.127	0.013	0.015	0.088	3.22	4.23	1.77	1965
1966	1.74	0.888	12.7	4.04	1.38	0.847	0.148	0.032	0.010	0.012	0.047	1.58	1.88	1966
1967	1.84	1.89	3.04	8.51	2.22	1.35	0.293	0.148	0.004	0.281	4.01	2.81	2.15	1967
1968	0.478	1.48	11.7	5.78	1.41	2.18	1.75	0.158	0.211	0.155	3.80	4.40	2.78	1968
1969	1.81	2.41	7.04	13.4	4.30	4.52	0.884	0.538	0.271	0.272	2.04	3.16	3.37	1969
1970	0.485	1.35	5.30	18.5	2.21	0.432	2.05	0.849	0.395	1.18	5.32	2.52	3.43	1970
1971	2.04	1.74	5.17	28.0	3.68	0.377	0.191	0.085	0.078	0.080	0.118	1.45	3.29	1971
1972	1.38	0.711	1.23	22.2	4.11	3.56	3.19	0.821	0.105	1.41	6.05	3.70	4.04	1972
1973	5.82	4.14	18.1	8.88	5.50	1.86	0.258	0.071	0.037	0.087	0.518	2.08	3.84	1973
1974	4.97	3.11	8.08	14.3	5.57	0.885	0.298	0.084	0.025	0.038	0.788	2.57	3.39	1974
1975	3.33	0.843	8.88	10.8	0.882	0.189	0.010	0.008	0.358	1.81	4.17	4.21	2.95	1975
1976	0.780	6.44	18.6	8.31	6.82	1.02	1.34	0.805	1.18	3.46	2.61	1.08	4.28	1976
1977	0.488	0.482	18.7	8.28	1.21	0.087	0.022	0.037	0.128	3.47	4.04	6.03	3.44	1977
1978	8.82	3.34	8.30	20.1	1.64	0.188	0.035	0.044	0.023	0.045	0.205	0.800	3.33	1978
1979	1.33	0.934	13.1	7.97	1.67	0.584	0.068	0.018	1.88	1.71	4.02	4.84	3.15	1979
1980	2.27	0.207	8.80	8.80	2.77	0.377	0.088	0.082	0.182	1.13	3.13	4.30	2.80	1980
1981	0.806	13.4	3.81	3.10	2.82	1.78	0.483	0.774	3.18	5.13	5.35	1.84	3.39	1981
1982	1.88	0.780	7.88	15.3	1.81	3.38	0.382	0.135	0.308	0.302	2.55	5.14	3.24	1982
1983	1.88	2.88	7.04	10.8	8.48	0.724	0.043	0.017	0.004	0.050	3.29	6.51	3.28	1983
1984	1.03	7.88	4.38	18.8	3.81	0.847	0.037	0.008	0.008	0.011	0.051	0.142	2.78	1984
MEAN	2.12	2.27	8.08	12.2	3.11	1.14	0.808	0.232	0.322	0.874	2.13	2.61	3.08	MEAN

LOCATION - LAT 44 50 32 N DRAINAGE AREA, 248 km^2
LONG 75 32 38 W NATURAL FLOW

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1948	80.1 AT 08:30 EST ON MAR 21	82.0 ON MAR 21	---	---	1948
1949	---	32.8 ON APR 7	---	---	1949
1950	125 AT 07:00 EST ON APR 8 *	102 ON APR 8 *	0.028E ON MAR 5	121 000	1950
1951	80.9 AT 21:00 EST ON MAR 31	55.5 ON APR 1	0.028E ON OCT 1	137 000	1951
1952	43.3 AT 21:00 EST ON APR 8	39.4 ON APR 6	0.113 ON JUL 2	103 000	1952
1953	45.3 AT 05:00 EST ON MAR 27	45.0 ON MAR 27	0.014E ON SEP 1	82 400	1953
1954	80.9 AT 06:00 EST ON APR 9	53.5 ON APR 9	0.057E ON AUG 8	185 000	1954
1955	80.9 AT 23:55 EST ON APR 2	54.1 ON APR 3	0.028E ON JUL 18	132 000	1955
1956	---	70.2 ON APR 8	0 ON AUG 5 *	87 700	1956
1957	---	21.1 ON FEB 28	0 ON AUG 5	55 700	1957
1958	---	47.9 ON MAR 28	0 B ON JAN 26	83 700	1958
1959	68.3 AT 06:00 EST ON APR 3	64.0 ON APR 3	0.057 ON JUL 5	98 700	1959
1960	---	89.7 ON APR 6	0 E ON DEC 21	113 000	1960
1961	20.88 AT 14:15 EST ON MAR 29	20.08 ON MAR 29	0 B ON JAN 1	49 500	1961
1962	60.38 AT 20:00 EST ON MAR 30	57.58 ON MAR 30	0.003 ON SEP 19	86 300	1962
1963	70.28 AT 07:00 EST ON MAR 31	63.78 ON MAR 31	0.006 ON SEP 25	58 900	1963
1964	18.6 AT 06:00 EST ON MAR 7	18.0 ON MAR 7	0 ON AUG 19	48 400	1964
1965	17.98 AT 00:01 EST ON MAR 7	15.88 ON MAR 7	0.006 ON JUL 25	55 800	1965
1966	27.7 AT 13:00 EST ON MAR 20	27.1 ON MAR 20	0 ON SEP 30	81 400	1966
1967	30.0 AT 06:00 EST ON APR 2	29.2 ON APR 2	0 ON SEP 17	88 000	1967
1968	39.4 AT 09:00 EST ON MAR 22	36.2 ON MAR 22	0 ON OCT 20	88 000	1968
1969	38.28 AT 09:35 EST ON MAR 26	37.48 ON MAR 26	0.144 ON SEP 21	108 000	1969
1970	62.08 AT 04:05 EST ON APR 10	56.68 ON APR 10	0.147 ON JUL 5	108 000	1970
1971	62.9 AT 07:05 EST ON APR 15	51.4 ON APR 14	0.007 ON SEP 29	107 000	1971
1972	58.0 AT 06:50 EST ON APR 18	56.9 ON APR 18	0.014 ON SEP 28	128 000	1972
1973	---	45.6 ON MAR 18	0.020 ON SEP 14	115 000	1973
1974	77.3 AT 18:55 EST ON APR 5	74.8 ON APR 5	0.010 ON SEP 11	107 000	1974
1975	42.8 AT 04:30 EST ON APR 20	40.2 ON APR 20	0.005 ON AUG 19	93 400	1975
1976	52.4 AT 00:01 EST ON MAR 29	48.18 ON MAR 28	0.286 ON AUG 7	135 000	1976
1977	---	77.38 ON MAR 15	0.005 ON JUN 26	109 000	1977
1978	47.68 AT 05:00 EST ON APR 14	42.28 ON APR 14	0.010 ON JUL 21	102 000	1978
1979	---	29.48 ON MAR 25	0.009 ON AUG 23	99 500	1979
1980	---	51.78 ON MAR 23	0.021 ON AUG 30	88 600	1980
1981	---	46.08 ON FEB 21	0.057 ON AUG 11	107 000	1981
1982	---	61.48 ON APR 1	0.024 ON AUG 19	102 000	1982
1983	24.3 AT 13:11 EST ON MAR 20	23.4 ON MAR 20	0.001 ON SEP 15	104 000	1983
1984	52.6 AT 18:03 EST ON APR 8	50.0 ON APR 8	0.003 ON AUG 5	88 000	1984
				96 400	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH NATION RIVER NEAR PLANTAGENET SPRINGS - STATION NO. 02LB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	78.3	9.85	4.78	1.50	7.09	6.88	4.07	3.38	3.03	---	1915
1916	24.3	27.7	52.3	336	95.4	47.6	10.8	4.78	3.14	4.53	4.74	10.2	51.4	1916
1917	3.88	2.29	85.0	228	19.3	11.1	8.98	9.17	4.50	24.6	19.9	6.44	35.1	1917
1918	2.57	2.84	118	255	15.2	8.65	3.33	3.84	7.88	73.7	92.3	73.5	54.4	1918
1919	17.4	7.49	195	206	59.6	12.0	11.1	6.04	5.09	10.7	88.0	13.5	51.0	1919
1920	0.898	0.351	185	113	15.9	3.84	4.38	3.00	4.15	10.1	15.8	58.4	35.5	1920
1921	21.8	7.09	348	74.5	7.89	8.91	4.50	3.88	2.21	4.80	13.7	20.3	43.4	1921
1922	1.47	1.42	138	180	15.2	20.3	13.1	6.88	2.74	3.14	2.82	2.41	30.7	1922
1923	1.36	0.658	11.0	220	38.1	26.1	5.51	2.91	3.15	6.38	14.4	50.0	31.3	1923
1924	9.70	17.1	157	284	58.0	2.28	1.98	2.00	1.42	6.52	3.81	16.5	44.2	1924
1925	0.886	24.1	285	78.4	18.7	7.20	4.40	4.66	8.40	10.1	56.7	82.1	46.8	1925
1926	12.1	6.84	5.49	336	40.8	8.81	8.18	1.33	2.33	15.7	91.3	16.5	45.1	1926
1927	8.82	17.8	244	41.1	80.1	13.2	7.78	3.02	1.85	0.991	148	86.2	51.2	1927
1928	37.8	14.9	113	334	55.2	15.5	9.28	21.3	9.46	111	46.0	45.7	67.7	1928
1929	54.6	4.88	280	178	67.8	7.08	4.08	2.07	0.448	0.452	7.63	1.18	51.0	1929
1930	52.2	47.6	74.8	153	15.3	8.67	5.58	0.329	0	0	0	0	28.4	1930
1931	0	0	52.3	43.9	9.17	5.61	0.589	0.283	0.283	0.283	1.74	24.5	11.6	1931
1932	89.1	50.1	33.2	316	22.4	7.53	4.80	5.26	4.78	10.9	27.4	39.9	48.9	1932
1933	39.6	15.6	13.7	262	42.0	5.83	4.88	8.27	3.83	3.02	7.05	9.85	35.9	1933
1934	---	---	---	481	16.4	12.5	3.46	4.16	4.30	3.31	8.18	7.56	---	1934
1935	---	---	158	103	34.2	28.0	11.8	11.6	6.54	11.8	11.3	5.87	---	1935
1936	---	---	237	107	27.8	4.46	3.40	3.24	2.66	11.9	26.8	27.4	---	1936
1937	---	---	---	228	48.6	8.61	8.07	9.62	4.78	8.04	63.7	11.4	---	1937
1938	10.0	---	260	136	14.8	3.86	3.20	2.32	2.66	2.10	2.26	---	---	1938
1939	---	---	---	287	31.0	7.23	4.90	8.03	6.85	---	---	---	---	1939
1940	---	---	---	314	---	---	---	---	---	---	---	---	---	1940
1941	---	---	---	142	---	---	---	---	---	---	---	---	---	1941
1942	---	---	---	112	---	---	---	---	---	---	---	---	---	1942
1943	---	---	---	---	---	---	---	---	---	---	---	---	---	1943
1944	---	---	---	88.3	---	---	---	---	---	---	---	---	---	1944
1945	---	---	---	88.5	123	35.6	23.8	4.89	24.3	68.1	82.4	14.6	---	1945
1946	---	---	---	47.4	47.7	7.03	3.18	2.32	2.46	6.15	35.6	---	---	1946
1947	---	---	---	370	118	40.8	63.0	9.74	18.4	8.33	12.5	11.4	---	1947
1948	---	---	---	84.1	21.4	4.11	4.38	3.65	2.82	2.86	11.9	8.89	---	1948
1949	17.1	8.87	124	214	16.2	3.81	1.62	1.65	2.56	3.11	4.05	45.6	36.9	1949
1950	72.8	10.1	26.6	318	12.2	6.35	5.38	5.03	3.88	3.05	36.2	40.6	44.8	1950
1951	47.8	24.6	193	322	15.6	5.39	24.2	4.67	8.47	4.32	31.5	36.6	59.7	1951
1952	25.6	66.7	80.3	287	59.9	16.0	14.5	25.1	12.7	31.3	16.0	31.9	65.2	1952
1953	17.6	28.3	194	75.4	37.6	8.35	3.61	3.77	2.12	1.98	0.708	4.46	31.6	1953
1954	2.07	5.67	68.7	317	45.2	10.5	4.63	2.36	36.2	52.7	83.1	32.8	54.7	1954
1955	20.6	4.37	94.6	318	8.62	1.80	0.588	1.21	1.01	10.0	7.37	1.90	39.0	1955
1956	6.86	1.28	3.58	185	57.0	20.6	6.81	2.25	3.67	1.43	1.78	3.55	24.5	1956
1957	10.6	8.88	63.1	48.8	15.1	6.16	10.8	1.15	0.856	1.32	5.20	24.4	18.4	1957
1958	4.07	1.44	80.6	133	24.6	7.01	6.66	4.07	12.7	14.7	18.7	7.37	27.1	1958
1959	3.74	5.96	22.3	174	7.08	2.80	2.16	2.32	3.48	8.85	18.9	42.0	24.4	1959
1960	2.41	8.06	22.0	403	28.8	27.1	5.30	1.18	0.813	1.30	3.06	1.91	41.6	1960
1961	1.40	2.02	88.7	123	25.8	18.0	15.7	10.8	4.83	2.08	4.21	13.8	24.1	1961
1962	3.16	2.14	80.1	255	30.8	2.87	2.56	2.06	1.58	6.78	36.0	12.6	33.6	1962
1963	3.80	2.81	23.5	208	51.2	7.25	2.00	2.01	12.4	3.74	32.1	19.0	30.6	1963
1964	12.2	7.74	82.5	91.2	9.87	3.26	1.79	0.688	0.843	0.710	1.33	15.1	19.8	1964
1965	4.08	5.55	80.8	80.5	11.1	1.78	0.890	2.16	7.40	24.5	81.6	44.1	25.4	1965
1966	31.4	9.74	190	61.5	13.9	6.31	1.51	1.85	1.17	1.10	7.90	33.7	30.2	1966
1967	8.39	8.97	24.5	235	17.6	9.18	7.02	3.09	2.86	17.4	88.6	34.1	36.1	1967
1968	5.23	11.6	183	106	11.4	10.5	26.6	3.03	3.32	2.74	22.3	38.1	35.4	1968
1969	9.41	16.8	88.9	279	85.6	22.4	8.56	19.1	2.32	2.13	21.3	30.7	46.7	1969
1970	4.10	11.0	24.2	326	33.2	3.97	4.52	1.86	2.77	8.07	45.0	27.3	40.6	1970
1971	8.82	14.0	29.7	412	36.5	3.97	2.37	2.22	2.67	3.66	8.49	38.8	46.3	1971
1972	8.33	6.70	10.2	376	54.1	51.8	88.4	45.3	4.12	61.2	93.3	36.5	70.3	1972
1973	84.4	36.1	314	114	82.8	56.4	10.6	61.2	4.74	21.8	23.8	43.3	87.4	1973
1974	42.2	39.1	150	263	112	18.1	4.40	5.09	1.95	2.14	21.3	32.0	57.6	1974
1975	34.8	5.59	103	280	14.2	10.5	1.48	0.931	9.67	37.6	51.8	58.4	49.2	1975
1976	5.83	25.1	236	236	72.6	13.4	6.25	8.40	7.31	35.0	29.1	8.44	57.1	1976
1977	3.63	3.87	256	111	11.1	2.83	4.99	4.52	14.1	78.8	63.6	61.7	51.8	1977
1978	82.4	34.4	44.9	429	22.5	5.70	1.81	1.41	1.18	1.68	3.32	3.68	53.0	1978
1979	6.35	6.64	215	129	23.0	9.46	2.18	2.46	22.6	21.0	50.8	76.5	47.6	1979
1980	23.2	2.69	141	122	34.3	3.81	2.80	2.61	7.09	23.0	34.7	48.0	37.2	1980
1981	5.88	210	49.3	48.1	42.7	57.4	11.9	49.2	69.3	78.1	76.7	23.5	59.2	1981
1982	14.0	8.85	77.4	267	16.2	8.85	2.98	4.26	4.83	8.03	34.2	84.8	43.8	1982
1983	34.5	40.8	133	141	91.0	12.7	2.15	1.47	1.11	4.28	83.2	90.9	51.5	1983
1984	14.3	90.5	83.4	274	44.5	10.2	1.88	4.55	1.83	2.28	8.58	15.7	43.5	1984
MEAN	18.8	19.1	117	203	38.9	12.8	8.59	8.56	8.54	15.8	30.4	29.0	42.2	MEAN

LOCATION - LAT 45 30 23 N DRAINAGE AREA, 3 810 km²
LONG 74 57 20 W REGULATED

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	705 ON APR 4	2.27 ON AUG 29	1 820 000	1916
1917	---	807 ON APR 3	1.42 ON FEB 18	1 110 000	1917
1918	---	883 ON APR 3	1.42 ON JAN 20	1 710 000	1918
1919	---	714 ON MAR 27	2.27 ON AUG 14	1 610 000	1919
1920	---	682 ON MAR 26	0 ON FEB 19 *	1 120 000	1920
1921	---	840 ON MAR 22	0.566 ON JUN 23	1 370 000	1921
1922	---	496 ON MAR 16	0.566 ON JAN 25	989 000	1922
1923	---	575 ON APR 14	0.566 ON JAN 30	887 000	1923
1924	---	671 ON APR 8	0 ON JUL 11	1 400 000	1924
1925	---	748 ON MAR 28	0.566 ON JAN 1	1 680 000	1925
1926	---	949 ON APR 24	0.991 ON JUL 25	1 420 000	1926
1927	---	818 ON MAR 19	0.991 ON AUG 13	1 820 000	1927
1928	---	1 010 ON APR 8	1.84 ON JUN 21	2 140 000	1928
1929	---	767 ON MAR 24	0.283 ON SEP 8	1 810 000	1929
1930	---	510 ON APR 7	0 ON AUG 13	927 000	1930
1931	---	247 ON MAR 31	0 ON JAN 1	387 000	1931
1932	---	750 ON APR 12	2.83 ON SEP 22	1 550 000	1932
1933	---	595 ON APR 6	0.851 ON JUN 28	1 130 000	1933
1934	---	1 010 ON APR 10	2.75 ON JUL 1	---	1934
1935	---	386 ON MAR 26	2.41 B ON DEC 31	---	1935
1936	---	851 ON MAR 26	---	---	1936
1937	---	784 ON APR 9	2.41 ON OCT 10	---	1937
1938	---	1 180B ON MAR 26	1.59 ON JUL 21	---	1938
1939	---	864 ON APR 22	---	---	1939
1940	---	885 ON APR 13	---	---	1940
1941	---	535 ON APR 7	---	---	1941
1942	---	840 ON MAR 28	---	---	1942
1943	---	580 ON APR 4	---	---	1943
1944	---	---	---	---	1944
1945	---	688 ON MAR 23	---	---	1945
1946	---	---	---	---	1946
1947	---	1 080 ON APR 10	2.48 ON OCT 25	---	1947
1948	---	728 ON MAR 23	1.87 ON SEP 18	---	1948
1949	---	745 ON MAR 31	1.16 ON JUL 7	1 150 000	1949
1950	---	951 ON APR 7	1.42 ON AUG 24	1 410 000	1950
1951	---	1 190E ON APR 2 *	2.83 ON JUN 14	1 880 000	1951
1952	---	826 ON APR 6	4.19 ON AUG 1	1 750 000	1952
1953	---	456 ON MAR 27	0.588E ON DEC 1	897 000	1953
1954	---	923 ON APR 10	0.588 ON FEB 11	1 720 000	1954
1955	---	1 010 ON APR 8	0.588 ON JUN 11	1 230 000	1955
1956	---	578 ON APR 6	0.738 ON JAN 6	774 000	1956
1957	---	240 ON MAR 16	0.283 ON OCT 3	580 000	1957
1958	---	887 ON MAR 31	1.30 B ON FEB 13	855 000	1958
1959	---	544 ON APR 6	1.30 ON AUG 8	789 000	1959
1960	883 AT 24:00 EST ON APR 12	813 ON APR 13	0.694 ON OCT 13	1 320 000	1960
1961	382 ON MAR 29	382 ON MAR 29	0.725 ON JAN 27	780 000	1961
1962	885 AT 24:00 EST ON APR 6	854 ON APR 7	0.920 ON SEP 7	1 080 000	1962
1963	889 ON APR 3	869 ON APR 3	0.821 ON JUL 31	883 000	1963
1964	385 AT 06:30 EST ON MAR 6	334 ON MAR 6	0.408 ON SEP 29	825 000	1964
1965	261 AT 05:00 EST ON MAR 8	250 ON NOV 28	0.595 ON JUL 31	801 000	1965
1966	4628 AT 21:00 EST ON MAR 20	4428 ON MAR 20	0.793 ON SEP 20	954 000	1966
1967	883 AT 19:15 EST ON APR 3	821 ON APR 4	0.524 ON SEP 20	1 140 000	1967
1968	852 AT 01:10 EST ON MAR 30	818 ON MAR 30	0.595 ON SEP 2	1 120 000	1968
1969	7058 AT 13:40 EST ON APR 8	6378 ON APR 9	0.868 ON OCT 16	1 470 000	1969
1970	850 AT 13:30 EST ON APR 15	844 ON APR 15	0.742 ON JUL 10	1 280 000	1970
1971	1 020E AT 10:30 EST ON APR 20	1 010E ON APR 20	1.70 E ON OCT 3	1 460 000	1971
1972	946 AT 16:00 EST ON APR 18	920 ON APR 18	2.61 ON SEP 23	2 220 000	1972
1973	---	8508 ON MAR 19	2.18 ON SEP 18	2 120 000	1973
1974	---	6748 ON APR 6	1.17 ON AUG 18	1 820 000	1974
1975	884 AT 11:30 EST ON APR 20	844 ON APR 20	0.538 ON AUG 20	1 550 000	1975
1976	1 110 AT 00:01 EST ON MAR 31 *	1 080 ON MAR 31	2.11 ON AUG 29	1 800 000	1976
1977	804 AT 18:38 EST ON MAR 17	758 ON MAR 17	1.70 ON JUL 10	1 830 000	1977
1978	1 100 AT 15:10 EST ON APR 15	1 080 ON APR 15	0.898 ON AUG 18	1 870 000	1978
1979	827 AT 04:13 EST ON MAR 26	801 ON MAR 26	0.878 ON JUL 27	1 500 000	1979
1980	819 AT 12:00 EST ON MAR 24	5888 ON MAR 24	0.382A ON AUG 28	1 180 000	1980
1981	---	7298 ON FEB 23	3.80 ON JUL 18	1 870 000	1981
1982	880 AT 20:30 EST ON APR 3	876 ON APR 3	0.881 ON AUG 22	1 380 000	1982
1983	869 AT 10:30 EST ON MAR 20	4958 ON MAR 20	0.738 ON SEP 12	1 820 000	1983
1984	717 AT 09:41 EST ON APR 7	703 ON APR 7	1.06 ON SEP 28	1 380 000	1984
				1 330 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH OTTER CREEK NEAR PORT BURWELL - STATION NO. 02GC016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	---	---	---	---	---	---	0.307	1.03	0.468	0.441	0.470	1.34	---	1984
1985	1.17	3.60	4.95	2.85	0.850	0.486	0.310	0.360	0.467	1.02	1.23	1.85	1.67	1985
1986	0.946	1.71	2.39	1.70	1.12	0.880	0.182	0.385	0.371	0.312	0.885	2.87	1.10	1986
1987	1.44	1.33	1.90	2.50	1.70	0.968	0.658	0.425	0.381	0.847	1.12	1.59	1.25	1987
1988	1.78	2.73	2.13	1.41	0.895	1.55	0.878	0.628	0.738	0.898	1.48	1.50	1.38	1988
1989	4.10	1.79	1.36	3.83	2.44	1.12	0.928	0.470	0.380	0.465	1.41	1.45	1.83	1989
1990	0.788	1.17	2.28	1.77	0.748	0.438	0.388	0.242	0.331	0.525	1.80	1.89	1.03	1990
1991	0.938	1.82	3.35	1.88	0.708	0.428	0.148	0.185	0.257	0.288	0.434	0.891	0.954	1991
1992	1.18	0.648	5.72	2.63	1.41	0.884	0.871	0.519	0.456	0.819	1.61	2.35	1.60	1992
1993	1.47	1.24	4.27	2.25	1.23	1.17	0.445	0.371	0.321	0.430	1.03	1.59	1.32	1993
1994	1.98	2.17	3.28	2.38	2.58	1.01	0.880	0.385	0.378	0.484	0.832	1.17	1.43	1994
1995	1.71	3.01	2.85	1.83	0.912	1.40	0.518	1.12	2.02	1.27	1.88	2.42	1.84	1995
1996	2.08	4.82	5.78	4.47	2.04	0.813	0.742	0.880	0.555	0.722	0.727	0.705	1.82	1996
1997	0.807	0.888	4.42	3.23	1.14	0.880	0.529	0.413	2.29	1.78	1.87	3.00	1.89	1997
1998	1.87	1.11	3.58	3.51	---	---	---	---	---	---	---	---	---	1998
MEAN	1.58	1.90	3.45	2.44	1.37	0.883	0.533	0.503	0.672	0.707	1.17	1.73	1.41	MEAN

LOCATION - LAT 42 39 12 N DRAINAGE AREA, 109 km²
LONG 80 45 50 W REGULATED

SOUTH OTTER CREEK NEAR PORT BURWELL - STATION NO. 02GC016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1984	---	---	---	---	1984
1985	37.1 AT 11:45 EST ON MAR 5 *	31.4 ON MAR 6 *	0.085 ON JUL 31	49 500	1985
1986	10.8 AT 10:30 EST ON DEC 8	10.1 ON DEC 8	0 ON JUL 21 *	34 700	1986
1987	7.87 AT 17:40 EST ON DEC 22	6.30 ON DEC 22	0.340 ON SEP 2	39 500	1987
1988	19.3 B AT 18:30 EST ON FEB 2	15.6 B ON FEB 2	0.280 ON JUL 23	42 800	1988
1989	28.0 B AT 02:30 EST ON JAN 31	20.0 B ON JAN 31	0.337 ON SEP 15	51 400	1989
1990	8.28 AT 10:30 EST ON APR 3	5.97 ON APR 3	0.142 ON AUG 6	32 400	1990
1991	---	9.81B ON FEB 28	0.022 ON AUG 4	30 100	1991
1992	---	17.0 B ON MAR 15	0.317 ON AUG 23	50 800	1992
1993	11.5 AT 14:55 EST ON MAR 15	10.5 ON MAR 15	0.170 ON JUL 23	41 800	1993
1994	11.6 AT 19:38 EST ON MAR 5	10.2 ON MAR 5	0.260E ON AUG 15	46 200	1994
1995	8.67 AT 06:40 EST ON FEB 25	8.10 ON FEB 25	0.198 ON AUG 2	51 700	1995
1996	29.4 AT 18:18 EST ON MAR 5	24.9 ON MAR 5	0.439E ON SEP 4	57 800	1996
1997	22.5 AT 00:52 EST ON APR 24	17.5 ON APR 24	0.170 ON JUL 29	53 200	1997
1998	---	---	---	---	1998
				44 500	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

SOUTH PARKHILL CREEK NEAR PARKHILL - STATION NO. 02FF004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	---	---	1.01	0.238	---	---	---	---	---	---	---	---	---	1955
1956	---	---	1.84	0.423	---	---	---	---	---	---	---	---	---	1956
1957	---	---	0.508	0.637	---	---	---	---	---	---	---	---	---	1957
1958	---	---	0.532	0.127	---	---	---	---	---	---	---	---	---	1958
1959	---	---	2.33	0.898	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	0.914	---	---	---	---	---	---	---	---	---	1960
1961	---	---	0.382	---	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	0.131	---	---	---	---	---	---	---	---	---	1962
1964	---	---	---	0.217	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	0.788	---	---	---	---	---	0.228	0.483	1.08	---	1965
1966	0.180	0.855	0.825	0.520	0.128	0.311	0.002	0.025	0.008	0.018	0.642	0.853	0.383	1966
1967	0.414	0.180	1.25	0.880	0.142	0.454	0.058	0.013	0.019	0.633	0.963	0.803	0.478	1967
1968	0.485	0.737	1.02	0.288	0.114	0.488	0.013	0.004	0.034	0.125	0.595	0.331	0.348	1968
1969	0.877	0.254	0.721	0.713	0.817	0.049	0.001	0	0	0	0.256	0.338	0.312	1969
1970	0.311	0.518	1.61	0.888	0.248	0.022	0.233	0.024	0	0.008	0.184	0.897	0.411	1970
1971	0.182	1.89	1.23	0.333	0.037	0.009	0	0.135	0.008	0.021	0.104	1.08	0.419	1971
1972	0.447	0.058	1.43	1.10	0.178	0.030	0.018	0	0	0.170	0.729	1.38	0.483	1972
1973	0.874	0.189	1.84	0.233	0.227	0.083	0.005	0.003	0	0.002	0.837	0.841	0.388	1973
1974	1.03	0.890	1.18	0.622	0.901	0.013	0.003	0	0	0	0.082	0.154	0.380	1974
1975	0.778	0.829	1.48	1.30	0.134	0.345	0.003	0.051	0.080	0.017	0.080	0.382	0.449	1975
1976	0.328	2.77	1.89	0.897	0.478	0.038	0.382	0.028	0.090	0.208	0.288	0.095	0.568	1976
1977	0.083	0.420	2.81	0.384	0.043	0.053	0.011	0	0.137	0.154	0.427	1.74	0.504	1977
1978	0.078	0.033	2.22	1.80	0.251	0.017	0	0	0.002	0.013	0.022	0.138	0.369	1978
1979	0.377	0.055	1.71	1.78	0.184	0.032	0.054	0.011	0	0.010	0.483	0.851	0.483	1979
1980	0.180	0.088	2.32	0.851	0.180	0.188	0.082	0.010	0.014	0.478	0.043	0.448	0.407	1980
1981	0.082	3.42	0.388	0.515	0.237	0.284	0.055	0.028	0.478	1.88	0.852	0.708	0.718	1981
1982	1.13	0.102	5.82	0.878	0.265	0.188	0.012	0.047	0.038	0.437	1.88	2.88	1.12	1982
1983	0.382	1.18	0.448	0.771	1.00	0.287	0.038	0.071	0.038	0.018	0.482	1.81	0.518	1983
1984	0.038	3.80	1.87	0.474	0.313	0.851	0.120	0.014	0.843	0.038	1.43	1.78	0.939	1984
MEAN	0.428	0.923	1.82	0.852	0.298	0.198	0.058	0.025	0.114	0.211	0.518	0.904	0.605	MEAN

LOCATION - LAT 43 09 39 N DRAINAGE AREA, 41.4 km²
LONG 81 43 56 W NATURAL FLOW

SOUTH PARKHILL CREEK NEAR PARKHILL - STATION NO. 02FF004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1955	---	---	---	---	1955
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	24.5 AT 21:00 EST ON DEC 8	7.93 ON DEC 7	0 ON JUN 27 *	11 100	1966
1967	22.2 AT 02:00 EST ON APR 3	8.29 ON OCT 18	0 ON AUG 17	15 100	1967
1968	17.38 AT 22:45 EST ON FEB 1	8.838 ON FEB 2	0 ON JUL 14	10 800	1968
1969	14.7 AT 05:14 EST ON JAN 30	10.8 ON JAN 30	0 ON JUN 26	9 830	1969
1970	33.4 AT 14:30 EST ON APR 2	9.33 ON APR 2	0 ON JUN 8	13 000	1970
1971	---	8.928 ON FEB 27	0 ON MAY 20	13 200	1971
1972	23.3 AT 21:00 EST ON APR 15	14.8 ON DEC 31	0 ON MAY 28	14 700	1972
1973	18.0 AT 14:34 EST ON MAR 11	6.37 ON MAR 11	0 ON JUN 15	12 500	1973
1974	32.8 AT 01:22 EST ON MAR 5	11.0 ON MAR 5	0 ON JUN 11	12 000	1974
1975	35.4 AT 04:04 EST ON APR 19	12.1 ON APR 19	0 ON JUL 7	14 200	1975
1976	30.9 AT 04:57 EST ON MAR 3	15.3 ON MAR 3	0 ON AUG 30	17 900	1976
1977	22.4 AT 18:18 EST ON MAR 8	13.2 ON MAR 9	0 E ON JUN 19	15 900	1977
1978	---	15.6 B ON MAR 22	0 ON JUN 29	11 300	1978
1979	---	16.0 E ON APR 14	0 ON JUN 18	14 600	1979
1980	25.6 AT 19:02 EST ON MAR 17	17.3 ON MAR 17	0 ON AUG 28	12 900	1980
1981	25.2 AT 17:47 EST ON FEB 17	19.5 ON FEB 17	0.001 ON AUG 28	22 600	1981
1982	41.9 AT 02:04 EST ON MAR 31	22.5 B ON MAR 14	0 ON JUL 18	35 200	1982
1983	27.5 AT 17:37 EST ON DEC 12	18.4 ON DEC 12	0 ON JUL 13	18 300	1983
1984	53.5 AT 01:00 EST ON FEB 14 *	30.7 ON FEB 14 *	0 ON JUL 30	29 700	1984
				15 900	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH RAISIN RIVER DIVERSION AT LONG SAULT - STATION NO. 02MC009

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAY TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	---	---	---	---	---	0.026	0.022	0.023	0.025	---	---	---	---	1972
1973	---	---	---	---	---	---	0.119	0.596	0.117	0.026	---	---	---	1973
1974	---	---	---	---	---	0.021	0.022	0.436	---	---	---	---	---	1974
1975	---	---	---	---	---	0.157	0.500	0.458	0.377	---	---	---	---	1975
1976	---	---	---	---	---	---	0.532	0.492	---	---	---	---	---	1976
1977	---	---	---	---	---	---	---	0.383	0.182	---	---	---	---	1977
1978	---	---	---	---	---	0.022	0.021	0.026	0.021	---	---	---	---	1978
1979	---	---	---	---	0	0.080	0.389	0.402	0.161	0.012	---	---	0.171	1979
1980	---	---	---	---	---	---	---	0.282	0.071	---	---	---	---	1980
1981	---	---	---	---	---	---	0.280	0.378	0.045	---	---	---	---	1981
1982	---	---	---	---	---	---	0.291	0.240	0.005	---	---	---	---	1982
1983	---	---	---	---	---	---	0.257	0.256	---	---	---	---	---	1983
1984	---	---	---	---	---	0.002	0.334	0.325	0.036	---	---	---	---	1984
MEAN	---	---	---	---	0	0.051	0.281	0.327	0.104	0.018	---	---	0.171	MEAN

LOCATION - LAT 45 01 48 N
LONG 74 53 20 W REGULATED

SOUTH RAISIN RIVER DIVERSION AT LONG SAULT - STATION NO. 02MC009

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAY TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	---	---	---	---	1975
1976	1.02 AT 18:30 EST ON SEP 1	0.809 ON JUL 3 *	---	---	1976
1977	1.03 AT 20:51 EST ON JUL 17	0.484 ON JUL 17	---	---	1977
1978	---	0.051 ON AUG 18	0.020 ON JUN 11	---	1978
1979	0.512 AT 08:37 EST ON AUG 1	0.487 ON JUL 30	0 E ON MAY 1 *	2 730	1979
1980	0.456 AT 15:05 EST ON JUL 15	0.420 ON JUL 11	---	---	1980
1981	0.816 AT 11:49 EST ON JUL 7	0.456 ON JUL 13	---	---	1981
1982	1.12 E AT 14:26 EST ON JUL 6 *	0.435 ON JUL 9	---	---	1982
1983	0.437 AT 14:59 EST ON JUL 8	0.402 ON JUL 9	---	---	1983
1984	0.869 AT 09:42 EST ON JUL 4	0.429 ON AUG 18	---	---	1984
				2 730	MEAN

E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH RIVER ABOVE TRUISLER CHUTE - STATION NO. 02DD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1919	---	---	---	---	---	---	---	---	---	5.01	8.50	8.71	---	1919
1920	2.40	2.01	7.89	14.5	8.87	4.43	6.74	3.77	3.10	3.89	6.83	4.61	5.54	1920
1921	4.78	3.08	16.0	16.8	11.4	3.77	3.03	2.64	2.88	3.78	4.23	5.88	6.62	1921
1922	4.13	3.71	6.55	24.4	8.80	4.11	4.44	3.78	3.78	3.73	3.88	4.09R	5.30R	1922
1923	3.30R	1.64R	2.73R	16.8	22.4	8.25	3.30	3.71	4.00	4.78	4.37	3.87	5.34R	1923
1924	2.85	2.82	4.82	16.9	19.3	8.86	3.55	3.50	3.84	3.80	4.09	4.05	5.38	1924
1925	3.19	3.82	5.41	23.5	8.83	10.8	3.78	2.92	3.50	3.19	4.37	4.10R	6.43R	1925
1926	3.16	3.64	4.24	7.88	23.9	8.53	4.37	3.20	3.61	3.38	12.6	7.07R	7.33R	1926
1927	3.93R	4.26R	11.6	11.8	10.0	7.56	5.11	4.13	4.13	6.84	7.90	14.0	7.68R	1927
1928	4.78R	3.89R	5.70R	37.1	24.7	12.5	9.84	6.72	6.74	22.1	15.0	8.57R	13.3 R	1928
1929	7.19R	5.35R	12.1 R	37.9	22.5	8.98	4.08	3.80	5.63	3.08	3.15	2.24R	9.41R	1929
1930	2.69R	3.36R	3.37R	14.8	10.0	6.98	3.40	2.31	3.80	2.07	2.28	2.34R	4.75R	1930
1931	1.81	1.80	1.58	10.4	4.71	2.12	2.40	2.22	3.89	3.26	3.58	3.07R	3.33R	1931
1932	7.55R	6.02R	4.04R	18.6	7.38	3.57	2.80	2.75	4.10	12.2	12.7	9.19R	7.58R	1932
1933	7.80R	4.08R	5.20R	27.3	8.10	4.08	1.98	2.75	3.59	4.03	2.26	2.46R	6.12R	1933
1934	4.03R	2.38R	2.82R	18.8	17.0	3.97	3.04	2.97	4.25	2.95	6.41	7.40R	6.34R	1934
1935	3.20	3.07R	6.89R	15.0	7.84	7.58	6.82	3.04	3.81	3.13	3.80	3.35	5.63R	1935
1936	3.92R	4.29R	8.10	11.4	17.3	4.18	3.37	4.10	3.10	4.08	8.63	7.08	8.21R	1936
1937	13.4 R	7.00R	4.84	20.0	12.8	4.14	3.44	3.84	5.19	3.86	5.24	3.83	7.23R	1937
1938	4.84R	4.84R	13.4 R	24.9	8.16	4.81	3.97	3.49	3.23	2.84	2.37	3.10	8.88R	1938
1939	4.18R	3.80R	4.31R	18.1	17.1	3.91	2.88	4.32	2.92	3.20	3.49	2.22R	5.71R	1939
1940	2.21R	1.92	2.59	8.53	12.8	6.85	3.54	4.03	4.07	4.22	7.37	5.45R	5.30R	1940
1941	4.68R	3.77R	3.80R	22.3	8.87	3.80	2.94	2.17	2.22	3.78	10.1	5.07	5.91R	1941
1942	4.88R	5.01R	8.08R	28.5	13.7	5.83	2.74	3.38	4.22	3.02	5.15	5.15R	7.27R	1942
1943	3.61R	2.95R	5.80R	18.8	24.1	9.45	6.01	4.38	7.50	3.03	4.15	3.20R	7.60R	1943
1944	2.73R	2.52R	3.48	12.6	10.8	3.89	2.64	2.15	3.03	4.01	3.73	3.04R	4.45R	1944
1945	2.62R	2.22R	13.5 R	10.5	8.27	7.98	2.82	2.59	2.87	5.02	5.78	2.87R	5.67R	1945
1946	7.80R	4.61R	17.5	9.03	8.50	3.89	1.98	2.03	2.38	2.27	2.82	4.38R	5.41R	1946
1947	3.56R	3.62R	4.03R	27.0	23.1	13.0	5.38	4.31	7.68	4.33	6.04	4.14R	8.83R	1947
1948	4.81R	4.78R	9.85R	24.2	10.4	2.81	2.28	2.46	3.88	4.77	8.00	5.04R	6.69R	1948
1949	8.80R	6.46R	11.3 R	24.7	8.85	5.11	3.15	3.81	3.45	2.87	3.37	4.78	6.98R	1949
1950	8.31	5.43R	8.80R	13.1	7.80	4.71	3.00	5.39	3.46	2.38	5.43	4.08	6.04R	1950
1951	4.27	7.43R	8.83	35.4	11.1	3.95	4.34	5.11	4.26	8.46	9.98	7.21	9.23R	1951
1952	8.88	4.09	---	---	---	---	---	---	---	---	---	---	---	1952
MEAN	4.76R	3.95R	7.08R	19.2	13.0	5.75	4.01	3.51	4.04	4.84	5.84	4.98R	5.70	MEAN

LOCATION - LAT 45 57 48 N LONG 78 24 21 W DRAINAGE AREA, 420 km² REGULATED

R - REVISED SINCE JAN 1980

SOUTH RIVER ABOVE TRUISLER CHUTE - STATION NO. 02DD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1919	---	---	---	---	1919
1920	---	21.8 ON MAR 29	1.878 ON MAR 5	175 000	1920
1921	---	33.1 ON MAR 21	2.10 ON SEP 3	209 000	1921
1922	---	42.5 ON APR 11	2.01 ON AUG 5	198 000R	1922
1923	---	51.0 ON APR 29	1.22RB ON FEB 6 *	200 000R	1923
1924	---	40.2 ON MAY 21	2.29 ON AUG 24	202 000	1924
1925	---	27.5 ON APR 16	1.93 ON JUL 28	203 000R	1925
1926	---	36.0 ON MAY 7	2.75B ON JAN 2	231 000R	1926
1927	---	34.8 ON DEC 13	2.89 ON AUG 15	242 000R	1927
1928	---	88.0 ON APR 8 *	3.74 ON AUG 27	421 000R	1928
1929	---	62.3 ON APR 11	1.93RB ON DEC 26	297 000R	1929
1930	---	25.9 ON APR 19	1.36 ON AUG 3	150 000R	1930
1931	---	18.3 ON APR 17	1.33 ON AUG 3	105 000R	1931
1932	---	27.5 ON APR 12	1.70 ON JUN 18	240 000R	1932
1933	---	45.3 ON APR 16	1.67 ON JUL 28	193 000R	1933
1934	---	39.4 ON MAY 3	1.75RB ON FEB 24	200 000R	1934
1935	---	19.7 ON APR 16	2.15 ON OCT 19	178 000R	1935
1936	---	32.3 ON DEC 31	1.76 ON JUL 5	198 000R	1936
1937	---	37.7 ON APR 6	2.35 ON JUN 14	228 000R	1937
1938	---	45.8 ON APR 1	2.04 ON NOV 30	210 000R	1938
1939	---	44.7 ON APR 29	2.04 ON NOV 25	180 000R	1939
1940	---	21.0 ON MAY 28	1.70RB ON JAN 29	187 000R	1940
1941	---	38.1 ON APR 21	1.95 ON AUG 12	186 000R	1941
1942	---	36.5 ON APR 21	2.15 ON JUL 12	229 000R	1942
1943	---	43.6 ON APR 29	2.44 ON OCT 12	240 000R	1943
1944	---	30.3 ON APR 25	1.81 ON AUG 27	141 000R	1944
1945	---	28.6 ON MAR 23	2.08RB ON FEB 22	179 000R	1945
1946	---	30.0 ON MAR 21	1.84 ON JUL 15	171 000R	1946
1947	---	46.2 ON APR 15	2.83RB ON JAN 12	279 000R	1947
1948	---	40.8 ON APR 11	1.58 ON AUG 7	218 000R	1948
1949	---	29.7 ON APR 8	2.24B ON DEC 5	220 000R	1949
1950	---	30.5 ON MAR 28	1.87 ON OCT 6	190 000R	1950
1951	---	52.7 ON APR 15	2.29 ON AUG 1	281 000R	1951
1952	---	8.84B ON JAN 15	3.06B ON FEB 29	---	1952
				212 000R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

SOUTH RIVER AT SOUTH RIVER - STATION NO. 02DD009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	7.85	10.0	3.88	2.87	3.14	4.88	3.51	5.84	3.44	---	1956
1957	4.59	3.59	4.80	9.71	3.52	4.56	10.7	1.80	5.41	6.40	10.5	10.0	6.30	1957
1958	5.73	4.43	4.31	7.27	2.81	3.95	9.70	2.56	4.05	3.78	3.08	4.18	4.86	1958
1959	2.75	2.94	3.40	14.7	7.04	3.19	2.25	3.99	3.50	6.53	11.1	8.10	5.61	1959
1960	4.90	4.88	5.02	20.1	11.2	3.38	4.37	2.69	1.93	3.68	3.69	2.72	5.71	1960
1961	3.11	3.11	4.18	8.79	5.13	2.99	3.83	2.49	2.26	2.37	2.85	3.81	3.73	1961
1962	3.63	3.84	4.10	10.3	6.02	2.39	1.89	1.32	1.35	1.87	1.89	1.84	3.29	1962
1963	1.88	2.05	2.64	9.56	6.76	3.80	1.98	2.65	2.67	2.21	2.03	2.33	3.36	1963
1964	2.23	3.64	3.81	7.73	4.39	2.16	1.92	1.89	1.68	1.80	1.98	2.50	2.93	1964
1965	3.01	3.93	3.09	7.80	14.8	2.50	2.01	2.45	3.64	6.57	7.15	6.56	5.31	1965
1966	5.62	5.14	5.53	10.4	5.28	4.75	1.87	1.81	1.38	1.70	4.44	10.7	5.19	1966
1967	5.11	5.39	4.75	15.7	4.89	4.78	2.55	2.32	2.57	6.55	11.1	9.77	6.86	1967
1968	4.83	5.26	5.72	12.6	3.97	3.40	2.90	2.66	2.61	1.83	2.12	2.97	4.31	1968
1969	3.70	3.91	3.63	12.6	14.3	5.00	3.71	3.41	6.88	6.94	10.7	8.38	6.87	1969
1970	4.62	4.15	3.38	10.2	9.87	5.38	6.18	3.56	3.90	5.01	4.87	5.27	5.71	1970
1971	4.10	3.64	5.81	16.0	10.6	3.57	1.56	1.63	1.17	1.78	2.30	4.53	4.88	1971
1972	4.05	4.87	4.47	10.6	21.0	7.49	5.01	5.76	4.98	5.43	7.58	8.67	7.33	1972
1973	7.00	6.41	12.6	14.7	7.46	7.35	6.82	3.32	2.69	2.84	3.78	5.80	6.78	1973
1974	5.04	7.68	6.34	16.1	13.0	4.71	---	---	2.88	3.99	7.06	4.81	---	1974
1975	5.78	6.48	4.83	9.07	11.3	2.73	2.26	1.78	2.98	4.33	4.47	9.48	5.38	1975
1976	4.03	5.18	10.8	16.7	9.05	4.06	4.09	1.89	2.88	1.85	2.54	3.07	5.82	1976
1977	3.62	3.59	7.20	14.6	3.87	1.83	1.70	2.07	---	---	8.88	8.37	---	1977
1978	3.43	3.37	3.23	7.35	11.3	3.50	1.28	1.88	2.14	5.38	4.34	4.81	4.32	1978
1979	4.50	4.36	6.80	15.8	8.46	3.87	1.98	1.91	2.18	5.20	7.90	7.21	5.98	1979
1980	6.43	3.71	4.13	17.5	5.03	7.78	5.61	5.72	6.27	6.54	7.86	5.18	6.87	1980
1981	3.05	6.80	7.88	14.5	8.34	5.99	3.84	4.59	10.2	11.6	5.00	4.89	7.23	1981
1982	4.13	4.29	4.40	15.0	5.89	2.83	1.55	1.02	2.88	4.34	7.78	11.3	5.43	1982
1983	7.88	4.12	6.88	7.49	14.3	5.03	1.55	1.84	2.32	2.38	5.71	5.76	5.44	1983
1984	3.25	7.18	5.95	14.5	8.26	7.88	5.28	2.14	2.43	3.30	7.86	6.19	6.17	1984
MEAN	4.39	4.80	5.39	12.3	8.58	4.30	3.73	2.85	3.36	4.27	5.89	5.48	5.38	MEAN

LOCATION - LAT 45 50 54 N DRAINAGE AREA, 318 km²
LONG 79 22 46 W REGULATED

SOUTH RIVER AT SOUTH RIVER - STATION NO. 02DD009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1956	---	17.7 ON MAY 17	---	---	1956
1957	---	38.2 ON JUL 2	1.78 ON AUG 25	189 000	1957
1958	---	28.1 ON JUL 12	1.80 ON AUG 10	147 000	1958
1959	---	27.3 ON APR 21	1.87 ON JUN 25	177 000	1959
1960	---	35.4 ON APR 19	1.87 ON SEP 24	180 000	1960
1961	---	16.7 ON APR 18	1.81 ON APR 6	118 000	1961
1962	---	20.1 ON APR 25	1.15 ON SEP 25	104 000	1962
1963	---	22.6 ON APR 4	0.487 ON NOV 16	106 000	1963
1964	---	21.7 ON APR 18	0.883 ON OCT 2	92 800	1964
1965	---	24.2 ON MAY 5	1.84 ON AUG 7	167 000	1965
1966	---	23.6 ON APR 24	0.289 ON SEP 25	164 000	1966
1967	---	21.0 ON NOV 5	0.606 ON AUG 29	185 000	1967
1968	---	23.2 ON APR 6	1.40 ON DEC 22	136 000	1968
1969	---	23.0 ON APR 18	2.24 ON JUL 28	210 000	1969
1970	---	24.9 ON JUL 23	2.48 ON MAR 27	180 000	1970
1971	---	26.7 ON APR 24	0.784 ON SEP 18	148 000	1971
1972	58.2 AT 08:21 EST ON MAY 6 *	55.8 ON MAY 6 *	1.38 ON APR 12	232 000	1972
1973	25.6 AT 16:57 EST ON APR 4	25.4 ON APR 4	2.43 ON OCT 12	213 000	1973
1974	32.3 AT 07:10 EST ON APR 18	32.3 ON APR 18	---	---	1974
1975	28.1 AT 08:33 EST ON MAY 3	27.9 ON MAY 2	0.051 ON APR 10 *	170 000	1975
1976	35.7 AT 00:04 EST ON APR 2	35.4 ON APR 2	0.820 ON APR 22	178 000	1976
1977	21.8 AT 21:06 EST ON APR 3	21.8 ON APR 3	---	---	1977
1978	23.8 AT 08:30 EST ON APR 30	23.8 ON APR 30	0.089E ON JUL 24	138 000	1978
1979	27.6 AT 20:23 EST ON APR 28	27.6 ON APR 28	0.551 ON JUL 11	189 000	1979
1980	39.8 AT 14:13 EST ON APR 11	39.3 ON APR 11	2.21 ON MAR 18	220 000	1980
1981	30.4 AT 04:34 EST ON APR 6	29.8 ON APR 6	0.583 ON APR 25	228 000	1981
1982	35.2 AT 21:20 EST ON APR 19	33.8 ON APR 19	0.409 ON MAY 21	171 000	1982
1983	28.7 AT 18:56 EST ON MAY 10	28.7 ON MAY 10	0.818 ON SEP 29	172 000	1983
1984	22.6 AT 01:56 EST ON APR 19	22.3 ON APR 19	1.27 ON AUG 8	185 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		170 000	MEAN

E - ESTIMATED

SOUTH RIVER NEAR NIPISSING - STATION NO. 02DD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1937	20.2	14.0	8.41	38.5	19.3	6.86	5.23	5.18	5.67	5.91	11.0	6.18	12.2	1937
1938	8.70	7.93	30.3	40.9	14.1	5.87	5.94	5.65	6.48	5.78	5.22	3.97	11.6	1938
1939	6.80	5.43	6.55	36.3	22.6	6.99	3.78	5.58	3.47	5.85	6.71	3.50	9.46	1939
1940	3.77	3.40	3.32	18.0	21.6	11.4	5.34	5.98	8.56	7.23	14.2	6.06	9.31	1940
1941	7.43	6.24	6.82	43.3	8.45	4.87	3.71	2.91	3.10	6.38	16.3	9.41	9.86	1941
1942	7.42	6.26	14.4	46.6	18.3	8.11	4.14	3.89	4.18	4.71	7.98	6.39	11.0	1942
1943	4.31	4.63	8.10	37.7	33.0	16.1	6.71	5.68	9.69	4.56	6.56	5.15	11.8	1943
1944	4.27	4.67	6.39	25.1	14.5	3.90	3.82	3.13	3.52	6.27	5.46	4.49	7.03	1944
1945	4.14	4.17	28.1	16.6	15.4	10.5	3.18	3.14	3.69	6.81	9.75	4.88	9.40	1945
1946	10.6	6.86	34.3	13.2	11.3	5.17	2.64	2.40	2.95	3.17	3.82	7.05	8.89	1946
1947	6.65	6.25	7.48	54.7	32.6	18.6	6.31	4.67	12.5	8.27	9.24	6.56	14.2	1947
1948	6.50	5.67	21.8	36.9	20.6	5.17	4.45	3.72	3.75	6.56	13.2	7.59	11.5	1948
1949	10.7	8.80	20.0	42.0	13.0	8.18	4.05	4.31	3.95	3.69	4.34	8.18	10.9	1949
1950	14.8	8.33	15.0	23.3	13.1	7.87	3.90	6.32	5.28	3.77	11.6	8.28	10.1	1950
1951	6.98	9.29	16.4	57.0	14.5	6.68	6.35	6.75	4.81	15.7	16.7	11.6	15.1	1951
1952	9.16	7.87	7.98	40.8	13.0	6.11	4.03	5.80	7.16	4.58	6.66	9.37	10.3	1952
1953	6.47	10.2	28.4	17.8	12.0	6.39	3.56	2.75	3.32	6.34	4.06	8.23	8.30	1953
1954	6.08	8.84	15.6	36.3	15.6	24.6	6.94	4.43	8.23	22.2	15.6	9.57	14.6	1954
1955	8.15	8.08	10.2	32.2	7.96	6.17	2.40	2.53	2.39	7.71	12.2	6.43	8.75	1955
1956	6.11	4.32	6.46	24.6	21.1	8.20	6.23	6.49	10.6	7.77	12.6	8.31	9.97	1956
1957	8.38	8.58	11.2	23.6	8.72	13.3	23.4	1.37	12.1	16.8	23.1	22.3	14.4	1957
1956	10.4	7.82	8.08	18.6	7.38	7.12	20.0	4.28	6.84	8.14	7.86	6.54	8.58	1958
1959	6.13	8.83	7.81	38.4	13.7	9.32	6.26	6.61	7.86	11.7	23.1	11.4	12.2	1959
1960	8.30	10.1	8.81	52.0	24.2	7.07	6.47	4.08	3.78	6.64	8.82	6.78	12.4	1960
1961	6.23	6.86	8.70	24.8	12.0	6.72	7.97	4.76	7.37	6.40	7.08	8.52	8.83	1961
1962	7.06	7.42	9.30	28.2	15.0	4.13	2.67	1.77	3.35	4.34	4.21	3.38	7.55	1962
1963	4.42	4.46	8.77	27.3	15.0	6.86	3.63	4.08	3.74	3.20	6.36	4.26	7.69	1963
1964	4.47	6.31	10.7	19.2	9.87	3.65	2.48	2.81	3.41	3.78	4.53	5.81	6.38	1964
1965	6.50	7.81	8.89	25.5	29.2	4.06	3.08	7.29	7.80	12.3	14.9	15.6	11.7	1965
1966	14.3	11.1	16.1	26.3	12.8	10.6	2.26	2.78	2.26	3.82	11.2	20.3	11.1	1966
1967	8.93	9.73	7.16	43.1	10.4	8.30	6.66	3.68	5.24	12.7	24.3	15.3	12.9	1967
1968	8.31	11.0	11.2	32.6	9.72	8.74	4.23	3.68	4.40	3.46	4.16	6.32	8.78	1968
1969	6.63	8.97	7.46	34.4	34.0	10.6	6.82	6.97	8.74	11.3	21.6	9.77	13.7	1969
1970	8.35	8.27	8.07	35.8	21.6	13.0	21.7	8.72	11.1	12.4	11.6	11.6	14.3	1970
1971	13.6	25.0	27.8	46.8	20.2	8.89	3.46	5.08	6.82	8.80	10.7	13.1	15.4	1971
1972	6.27	10.6	9.61	37.6	41.6	14.7	11.4	12.4	9.40	12.1	16.4	9.76	15.8	1972
1973	11.6	8.27	30.2	38.3	20.1	26.8	13.0	9.86	8.70	9.13	11.6	14.1	16.3	1973
1974	10.7	13.3	15.0	47.9	44.8	13.0	8.80	4.56	8.26	10.4	16.1	10.0	17.1	1974
1975	10.6	8.34	7.71	30.6	24.1	8.84	4.24	3.32	6.44	8.84	10.4	19.9	12.0	1975
1976	7.17	8.06	35.7	39.8	21.3	9.16	8.94	4.13	6.69	4.59	6.06	6.66	13.2	1976
1977	6.23	6.60	21.0	33.2	7.16	4.06	3.78	4.83	8.82	14.8	14.7	14.2	11.4	1977
1978	7.36	6.62	4.83	27.1	22.7	8.83	3.16	3.97	6.66	12.6	9.40	9.47	9.80	1978
1979	8.60	8.81	26.7	44.3	16.6	8.62	4.62	6.30	4.92	11.9	16.3	14.8	14.4	1979
1980	14.0	7.83	12.7	48.2	12.8	16.4	10.4	11.0	13.4	22.3	17.6	11.7	16.6	1980
1981	8.36	24.4	20.3	38.8	21.4	16.2	7.62	8.76	21.6	24.3	12.3	11.3	17.9	1981
1982	8.84	8.00	12.1	46.3	13.6	6.72	3.88	2.96	7.16	11.7	16.9	26.3	13.8	1982
1983	14.4	6.30	20.1	20.1	36.8	11.2	3.41	3.80	6.83	7.42	16.3	12.0	13.3	1983
1984	8.16	21.4	14.6	41.4	18.6	---	---	---	---	---	---	---	---	1984
MEAN	8.41	8.66	14.2	34.7	16.6	9.21	6.33	4.90	6.66	8.66	11.6	9.96	11.8	MEAN

LOCATION - LAT 46 05 49 N DRAINAGE AREA, 787 km²
LONG 79 26 45 W REGULATED

SOUTH RIVER NEAR NIPISSING - STATION NO. 02DD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1937	---	101 ON APR 6	2.18 ON SEP 4	385 000	1937
1938	---	108 ON APR 1	1.05 ON DEC 11	365 000	1938
1939	---	86.1 ON APR 27	1.18 ON DEC 24	298 000	1939
1940	---	39.6 ON NOV 12	0.878 ON JUL 14	295 000	1940
1941	---	129 ON APR 21	2.10 ON AUG 3	311 000	1941
1942	---	92.0 ON APR 6	2.66 ON OCT 26	348 000	1942
1943	---	105 ON APR 26	2.89 ON JAN 10	371 000	1943
1944	---	64.3 ON APR 25	1.96 ON SEP 3	222 000	1944
1945	---	78.2 ON MAR 19	2.10 ON JUL 1	287 000	1945
1946	---	53.8 ON MAR 22	0.906 ON AUG 4	274 000	1946
1947	---	139 ON APR 12 *	1.87 ON SEP 1	449 000	1947
1948	---	84.7 ON APR 9	1.27 ON AUG 15	364 000	1948
1949	---	83.1 ON MAR 28	1.10 ON JUL 17	344 000	1949
1950	---	77.0 ON MAR 29	0.891 ON OCT 8	320 000	1950
1951	---	104 ON APR 14	0.983 ON JUL 29	477 000	1951
1952	---	66.5 ON APR 19	1.02 ON JUL 27	327 000	1952
1953	---	71.6 ON MAR 24	0.821 ON SEP 20	293 000	1953
1954	---	74.5 ON OCT 18	1.16 ON AUG 8	481 000	1954
1955	---	50.7 ON APR 7	0.821 ON AUG 14	276 000	1955
1956	---	45.3 ON APR 17	1.08 ON AUG 12	315 000	1956
1957	---	139 ON JUN 30	0.680 ON AUG 18	455 000	1957
1958	---	57.5 ON JUL 11	0.991 ON AUG 17	302 000	1958
1959	---	78.4 ON APR 19	0.708 ON JUL 4	385 000	1959
1960	---	100 ON APR 18	0.586 ON JUN 13	394 000	1960
1961	62.0 AT 10:00 EST ON APR 17	53.8 ON APR 17	0.736 ON AUG 13	282 000	1961
1962	68.0 AT 12:00 EST ON APR 23	53.8 ON APR 24	0.524 ON DEC 17	238 000	1962
1963	87.A AT 11:00 EST ON APR 3	83.0 ON APR 3	0.521 ON AUG 3	238 000	1963
1964	63.1 AT 04:00 EST ON APR 15	60.3 ON APR 15	0.585 ON JUN 10	201 000	1964
1965	58.4 AT 19:00 EST ON MAY 1	56.1 ON MAY 1	1.43 ON AUG 2	388 000	1965
1966	---	64.6 ON APR 22	1.34 ON SEP 8	351 000	1966
1967	88.8 AT 02:30 EST ON APR 2	64.8 ON APR 2	1.28 ON AUG 28	407 000	1967
1968	81.6 AT 03:00 EST ON APR 1	78.4 ON APR 1	2.11 ON JUL 17	277 000	1968
1969	76.3 AT 20:00 EST ON MAY 10	73.6 ON MAY 10	2.04 ON JUL 28	432 000	1969
1970	114 AT 05:30 EST ON JUL 22	102 ON JUL 22	3.43 E ON AUG 1	450 000	1970
1971	91.2 AT 09:35 EST ON APR 20	88.3 ON APR 20	0.580 ON JUL 12	488 000	1971
1972	94.9 AT 01:35 EST ON MAY 4	94.0 ON MAY 3	1.60 ON JUN 1	502 000	1972
1973	149 AT 01:50 EST ON JUN 28 *	125 ON JUN 28	2.80 ON SEP 10	515 000	1973
1974	123 AT 18:47 EST ON MAY 6	112 ON APR 15	0.595E ON AUG 15	540 000	1974
1975	88.1 AT 11:11 EST ON APR 24	76.7 ON APR 25	0.767 ON AUG 13	379 000	1975
1976	114 AT 16:28 EST ON APR 1	109 ON APR 1	0.847 ON JUL 31	416 000	1976
1977	86.8 AT 14:12 EST ON APR 3	83.7 ON APR 4	0.790 ON AUG 6	381 000	1977
1978	70.8 AT 22:23 EST ON APR 28	67.1 ON APR 29	0.846 ON AUG 22	312 000	1978
1979	87.3 AT 04:13 EST ON APR 28	80.4 ON APR 28	0.886 ON JUL 22	458 000	1979
1980	142 AT 12:15 EST ON APR 10	135 A ON APR 10	1.78 ON JUL 16	521 000	1980
1981	84.1 AT 23:02 EST ON APR 5	80.1 ON APR 5	4.18 ON JUL 17	585 000	1981
1982	137 AT 14:42 EST ON APR 18	121 ON APR 18	0.841 ON AUG 19	437 000	1982
1983	111 AT 03:18 EST ON MAY 8	102 ON MAY 8	0.520E ON AUG 29 *	418 000	1983
1984	72.3 AT 14:14 EST ON APR 6	68.3 ON APR 18	---	---	1984
				372 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SOUTH RIVER NEAR POWASSAN - STATION NO. 02DD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	42.5	22.3	5.35	3.62	3.61	4.78	4.46	7.80	5.92	---	1914
1915	3.69	4.07	4.80	29.0	11.0	7.70	4.81	7.24	4.52	9.58	8.28	6.97R	6.47R	1915
1916	10.8 R	9.48R	11.7 R	61.8	27.8	12.3	4.56	2.52	6.49	14.3	16.0 R	25.1 R	16.9 R	1916
1917	5.65R	3.14R	9.26R	45.4R	26.6R	16.1	25.0 R	8.95	3.96	11.1	10.4	5.85R	14.3 R	1917
1918	3.56R	2.93R	9.44R	33.6R	19.7	8.58	4.20	2.85	4.83	14.7	15.7	12.6	11.1 R	1918
1919	7.48	4.76	18.5 R	31.3R	25.1R	10.5	2.31	3.61	3.51	9.92	18.3 R	15.4	12.6 R	1919
1920	4.34	3.54	24.4 R	28.6R	13.1	5.59	6.60	5.09	4.24	5.75	8.24	7.58	9.84R	1920
1921	6.17	4.91	40.2	25.9	16.3	5.14	4.02	3.58	3.87	8.87	10.6	11.1	11.8	1921
1922	5.61	4.78	16.8	63.5	15.0	5.96	6.96	4.95	5.08	5.71	6.52	5.38R	12.1 R	1922
1923	4.01R	2.16R	3.69R	45.1	36.6	11.6	4.53	5.52	5.56	5.71	8.23	7.04	11.7 R	1923
1924	3.83	3.59	8.84	35.2	27.5	8.86	5.32	5.09	5.03	5.63	7.84	5.39	10.2	1924
1925	3.78	5.21	12.2	42.0	15.9	15.3	5.56	3.91	4.77	5.17	10.4	8.89R	11.0 R	1925
1926	4.02R	3.78R	3.93R	22.3R	42.3	10.1	12.5	4.24	4.80	5.23	22.9	9.10R	12.1 R	1926
1927	4.98R	5.80R	21.1 R	19.3	17.7	11.5	10.5	5.86	5.88	12.4	17.1	17.8 R	12.5 R	1927
1928	7.50R	8.98R	11.8 R	77.5	37.9	17.7	14.4	9.55	15.4	38.7	24.2	16.5 R	23.2 R	1928
1929	8.79R	5.90R	25.4 R	65.6R	34.4	9.90	6.35	5.70	5.95	5.34	5.17	4.91R	15.3 R	1929
1930	6.65R	8.53R	7.24R	25.7R	17.7	15.3	6.78	5.08	5.96	4.83	5.13	4.91R	9.48R	1930
1931	3.73R	2.10	3.17	25.2R	10.1	4.36	3.88	3.82	4.32	4.48	7.72	6.03R	6.57R	1931
1932	14.5 R	10.7 R	8.45R	36.4	11.6	5.83	6.00	4.20	7.18	23.2	21.5 R	17.6 R	13.8 R	1932
1933	12.1 R	5.85R	9.11R	53.0	13.4	5.36	3.93	3.97	4.34	5.46	5.08R	4.53	10.6 R	1933
1934	4.82	4.25	5.52	40.7R	25.0	5.67	4.49	3.73	5.44	4.70	12.2	9.17R	10.4 R	1934
1935	4.88	4.28	14.2	27.5	12.3	13.0	9.85	4.02	4.18	5.52	8.31	5.90R	9.51R	1935
1936	4.62R	4.57R	14.1 R	25.5R	25.9	8.58	4.02	4.40	4.54	9.13	10.3 R	13.1 R	10.6 R	1936
MEAN	6.15R	5.11R	12.6 R	39.3R	22.1R	9.58	7.06R	4.85	5.42	9.47	11.6 R	9.77R	12.0	MEAN

LOCATION - LAT 46 05 40 N, LONG 79 23 45 W DRAINAGE AREA, 781 km^2, REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO R - REVISED SINCE JAN 1980

SOUTH RIVER NEAR POWASSAN - STATION NO. 02DD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	112 ON APR 20	---	---	1914
1915	---	71.1 ON APR 11	1.84 ON SEP 14	287 000R	1915
1916	---	121 ON APR 2	2.01 ON AUG 30	533 000R	1916
1917	---	86.0R ON APR 22	2.10RB ON FEB 13	452 000R	1917
1918	---	77.6R ON APR 2	1.73 ON AUG 25	348 000R	1918
1919	---	57.5R ON NOV 30	1.93 ON JUL 20	397 000R	1919
1920	---	86.1R ON MAR 28	3.17 ON AUG 13	314 000R	1920
1921	---	138 ON MAR 21	2.58 ON AUG 5	386 000	1921
1922	---	134 ON APR 12	3.65 ON JUL 30	384 000R	1922
1923	---	129 ON APR 24	1.53RB ON FEB 5	389 000R	1923
1924	---	79.0 ON APR 7	1.64B ON DEC 25	322 000	1924
1925	---	83.6 ON APR 4	1.76 ON JUL 20	346 000R	1925
1926	---	114 ON MAY 3	2.95RB ON MAR 7	383 000R	1926
1927	---	59.5RB ON MAR 18	3.48 ON AUG 15	395 000R	1927
1928	---	171 ON APR 8 *	4.81RB ON MAR 8	733 000R	1928
1929	---	112 RB ON APR 8	3.62RB ON DEC 29	483 000R	1929
1930	---	81.4 ON APR 14	1.87 ON JUL 13	288 000R	1930
1931	---	47.0 ON APR 15	1.53 ON MAY 29	207 000R	1931
1932	---	68.1 ON OCT 11	1.59 ON AUG 4	440 000R	1932
1933	---	93.4 ON APR 13	2.69 ON JUL 20	333 000R	1933
1934	---	83.3 ON APR 20	1.19 ON JUN 27 *	329 000R	1934
1935	---	37.4 ON APR 12	2.63 ON AUG 22	300 000R	1935
1936	---	82.7RB ON DEC 28	2.55 ON SEP 20	335 000R	1936
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980		379 000R	MEAN

SOUTH SAUGEEN RIVER NEAR HANOVER - STATION NO. 02FC012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	5.70	4.33	5.62	43.5	6.82	4.29	2.28	1.41	1.22	3.26	5.12	7.95	7.58	1972
1973	15.2	8.86	32.1	12.2	9.50	6.12	2.00	1.35	1.00	1.53	5.46	5.53	8.27	1973
1974	8.99	7.26	26.1	28.2	20.0	3.89	1.78	1.50	1.36	1.98	6.12	3.69	9.25	1974
1975	8.43	5.75	17.6	42.9	8.12	2.93	1.53	2.01	3.71	2.42	3.26	11.0	9.20	1975
1976	4.10	10.6	52.0	16.9	8.86	2.82	6.81	1.60	3.59	8.07	9.58	4.41	10.7	1976
1977	2.85	2.89	42.9	18.8	2.44	1.34	2.15	11.1	14.1	18.7	15.1	10.8	11.8	1977
1978	4.84	3.13	7.85	40.6	10.5	3.93	1.24	1.89	5.43	8.62	5.89	5.30	7.94	1978
1979	4.96	2.86	37.6	34.7	9.68	2.38	1.44	1.88	1.51	6.12	13.3	17.5	11.1	1979
1980	5.78	2.89	21.0	24.6	4.08	2.62	6.55	2.42	3.58	8.18	6.71	10.5	8.28	1980
1981	2.34	26.3	11.1	9.56	6.60	2.86	1.19	1.88	5.80	11.2	8.46	8.42	7.88	1981
1982	3.64	1.83	14.2	50.4	3.86	8.47	1.67	1.55	2.00	2.23	16.3	25.3	10.9	1982
1983	7.11	6.34	14.8	14.3	13.7	3.84	1.41	1.39	2.74	8.87	8.57	8.45	7.34	1983
1984	3.43	32.0	17.3	16.3	4.49	4.05	1.91	0.735	1.88	1.72	9.32	17.4	9.11	1984
MEAN	5.91	9.08	23.1	27.0	8.41	3.77	2.44	2.31	3.70	5.67	8.77	10.2	9.18	MEAN

LOCATION - LAT 44 05 55 N DRAINAGE AREA, 635 km^2
LONG 80 59 09 W REGULATED

SOUTH SAUGEEN RIVER NEAR HANOVER - STATION NO. 02FC012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	213 AT 07:56 EST ON APR 19	185 ON APR 19	0.857 ON SEP 24	240 000	1972
1973	105 AT 08:24 EST ON MAR 13	90.9 ON MAR 13	0.535 ON SEP 16 *	261 000	1973
1974	---	132 E ON MAR 7	1.00 ON AUG 24	292 000	1974
1975	251 AT 23:48 EST ON APR 19 *	224 ON APR 20 *	0.858 ON AUG 23	290 000	1975
1976	211 AT 17:30 EST ON MAR 21	171 ON MAR 21	0.892 ON AUG 31	338 000	1976
1977	251 AT 04:08 EST ON MAR 14	216 ON MAR 14	0.646 ON JUN 15	372 000	1977
1978	136 AT 09:16 EST ON APR 12	127 ON APR 12	0.892 ON SEP 9	250 000	1978
1979	218 AT 03:55 EST ON APR 15	169 ON APR 15	0.726 ON SEP 29	350 000	1979
1980	136 AT 18:56 EST ON MAR 21	89.0 ON MAR 22	0.837 ON AUG 24	281 000	1980
1981	134 AT 06:26 EST ON FEB 24	118 ON FEB 24	0.592 ON JUL 25	249 000	1981
1982	152 AT 06:02 EST ON APR 1	140 ON APR 1	0.800E ON AUG 18	345 000	1982
1983	39.9 AT 18:17 EST ON MAR 7	39.4 ON MAR 8	0.758 ON JUL 29	231 000	1983
1984	148 AT 11:32 EST ON DEC 30	135 ON DEC 30	0.578 ON AUG 22	288 000	1984
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		290 000	MEAN

SPANISH RIVER AT ESPANOLA - STATION NO. 02CE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	180	89.1	81.0	68.8	187	138	172	---	1915
1916	109	72.6	88.3	562	431	250	132	78.4	70.7	88.8	---	---	---	1916
1947	---	---	---	---	---	443	121	77.3	78.1	76.0	72.1	71.8	---	1947
1948	72.7	72.8	85.4	272	189	79.0	75.5	68.6	63.8	38.2	46.5	80.5	86.2	1948
1949	73.1	83.6	97.2	272	202	133	107	87.3	80.0	67.6	64.0	48.8	108	1949
1950	68.5	86.9	88.7	232	384	131	83.7	81.4	77.6	70.7	88.7	87.6	121	1950
1951	71.0	74.9	80.4	561	233	121	109	89.3	84.9	168	282	204	175	1951
1952	124	105	88.5	337	267	121	83.3	86.8	88.4	82.5	84.4	114	133	1952
1953	82.2	110	226	408	304	138	104	84.0	78.5	88.8	46.0	56.6	143	1953
1954	70.3	89.8	138	324	328	233	123	78.5	77.8	272	177	132	171	1954
1955	108	102	108	301	131	88.4	56.0	53.3	41.5	48.1	80.7	73.2	88.0	1955
1956	65.2	61.7	60.8	193	229	146	119	80.2	88.1	81.8	88.4	88.6	110	1956
1957	76.2	78.7	114	287	214	146	277	78.3	58.7	58.2	138	123	138	1957
1958	91.8	74.9	92.0	147	103	72.8	88.8	81.5	54.0	45.8	85.7	82.5	81.7	1958
1959	58.2	60.8	88.4	288	288	87.6	75.7	88.5	89.5	108	148	103	118	1959
1960	74.9	73.5	87.7	444	747	178	184	89.5	71.8	70.1	114	88.4	184	1960
1961	87.5	85.0	82.8	132	185	135	141	92.9	128	88.7	126	117	112	1961
1962	78.9	85.9	118	238	367	113	88.8	88.8	87.8	52.8	82.8	47.6	112	1962
1963	48.6	44.4	53.9	274	132	82.2	81.0	51.6	45.8	80.3	82.8	88.6	80.1	1963
1964	45.1	48.6	53.1	231	234	82.1	80.4	44.0	82.3	87.3	71.7	80.8	81.7	1964
1965	75.8	114	123	277	332	82.6	81.7	90.8	139	178	188	182	184	1965
1966	131	126	168	332	226	185	84.7	88.6	82.5	131	208	280	183	1966
1967	132	114	146	476	492	184	112	87.7	88.1	74.8	188	106	178	1967
1968	88.6	77.1	88.2	314	185	113	88.8	88.8	188	130	83.1	107	128	1968
1969	108	108	100	358	227	182	151	73.4	48.6	101	218	114	147	1969
1970	78.1	83.0	87.2	188	273	483	182	88.8	88.8	181	148	142	188	1970
1971	82.4	83.8	151	386	387	188	88.1	88.7	83.7	81.8	88.8	122	138	1971
1972	78.8	72.7	80.8	288	824	110	78.3	101	188	118	134	88.8	183	1972
1973	88.8	83.8	183	278	348	180	108	112	78.1	73.4	88.2	84.1	143	1973
1974	73.1	83.8	88.8	270	278	187	81.0	72.7	87.8	80.3	130	88.8	118	1974
1975	82.3	87.8	102	247	328	170	88.8	80.4	34.8	---	---	---	---	1975
1976	---	---	101	448	388	103	88.0	28.4	27.2	38.0	44.4	42.8	---	1976
1977	88.0	88.0	138	383	133	35.8	34.8	48.8	88.4	180	187	180	121	1977
1978	108	103	88.1	188	340	88.8	48.3	44.8	101	211	123	113	128	1978
1979	100	87.8	138	818	588	180	141	81.8	88.2	103	214	204	201	1979
1980	123	84.7	73.0	312	278	80.8	70.2	43.7	80.1	84.7	88.2	78.2	118	1980
1981	70.1	88.8	110	428	124	88.8	82.1	48.8	88.1	78.2	88.7	87.8	113	1981
1982	77.8	81.0	82.1	244	227	87.8	43.0	28.0	74.4	184	182	208	128	1982
1983	148	108	113	253	337	388	88.4	44.8	44.2	108	88.1	118	180	1983
1984	81.8	88.4	80.8	241	128	122	148	87.2	111	102	208	188	132	1984
MEAN	88.7	88.3	107	313	280	182	87.2	70.7	74.8	102	121	113	133	MEAN

LOCATION - LAT 48 16 05 N
LONG 81 48 20 W

DRAINAGE AREA, 11 400 km²
REGULATED

DATA CONTRIBUTED BY -
EDDY FOREST PRODUCTS LIMITED

REMARKS - EXTREME HIGH WATER SPILLED FROM ONAPING LAKE INTO UPPER SPANISH RIVER.

SPANISH RIVER AT ESPANOLA - STATION NO. 02CE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	
1916	---	725 ON APR 27	---	---	1916
					1916
1947	---	---	---	---	
1948	---	385 ON APR 11	25.5 ON NOV 7	3 040 000	1948
1949	---	340 ON APR 25	15.9 ON DEC 25	3 430 000	1949
1950	---	572 ON MAY 8	10.3 ON SEP 4	3 820 000	1950
1951	---	1 050 ON APR 16	15.1 ON SEP 3	5 510 000	1951
1952	---	711 ON APR 23	40.5 ON JUL 1	4 210 000	1952
1953	---	479 ON APR 3	5.64 ON NOV 1	4 500 000	1953
1954	---	643 ON OCT 19	35.7 ON SEP 6	5 380 000	1954
1955	---	473 ON APR 18	3.20 ON SEP 5 *	3 120 000	1955
1956	---	360 ON MAY 19	22.3 ON SEP 3	3 480 000	1956
1957	---	688 ON JUL 2	7.85 ON SEP 2	4 280 000	1957
1958	---	170 ON APR 21	8.58 ON SEP 1	2 680 000	1958
1959	---	527 ON APR 19	20.6 ON SEP 7	3 730 000	1959
1960	---	1 290 ON MAY 13 *	38.5 ON FEB 7	5 810 000	1960
1961	---	261 ON JUN 27	29.2 ON FEB 12	3 550 000	1961
1962	---	597 ON MAY 5	12.2 ON DEC 30	3 530 000	1962
1963	---	348 ON APR 7	5.85 ON SEP 2	2 530 000	1963
1964	---	481 ON MAY 2	6.48 ON SEP 7	2 900 000	1964
1965	---	580 ON MAY 5	13.4 ON AUG 8	4 840 000	1965
1966	---	718 ON APR 24	23.8 ON SEP 5	5 150 000	1966
1967	---	991 ON MAY 4	37.4 ON SEP 4	5 840 000	1967
1968	---	388 ON APR 18	54.4 ON AUG 12	3 990 000	1968
1969	---	583 ON APR 18	18.6 ON SEP 1	4 630 000	1969
1970	---	1 040 ON JUN 4	23.1 ON SEP 7	5 200 000	1970
1971	---	671 ON APR 23	28.6 ON NOV 4	4 400 000	1971
1972	---	931 ON MAY 8	50.4 ON AUG 13	4 830 000	1972
1973	---	484 ON MAY 11	53.0 ON OCT 1	4 520 000	1973
1974	---	510 ON APR 24	29.7 ON SEP 2	3 770 000	1974
1975	---	668 ON APR 28	---	---	1975
1976	---	748 ON APR 22	3.43 ON SEP 8	---	1976
1977	---	541 ON APR 23	12.4 ON JUL 1	3 820 000	1977
1978	---	592 ON MAY 15	24.4 ON JUL 23	4 060 000	1978
1979	---	1 110 ON APR 28	30.8 ON OCT 8	6 350 000	1979
1980	---	430 ON APR 11	22.9 ON AUG 31	3 670 000	1980
1981	---	730 ON APR 7	25.0 ON SEP 7	3 570 000	1981
1982	---	500 ON MAY 3	5.66 ON AUG 2	3 930 000	1982
1983	---	579 ON JUN 1	30.9 ON SEP 5	4 740 000	1983
1984	---	379 ON APR 23	44.8 ON FEB 5	4 190 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		4 190 000	MEAN

SPANISH RIVER AT HIGH FALLS - STATION NO. 02CE004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	---	---	---	33.7	22.7	23.7	---	1920
1921	32.4	26.4	26.3	113	80.9	45.2	37.7	45.8	42.5	53.1	56.5	93.5	54.5	1921
1922	73.2	74.3	80.8	250	287	90.9	57.3	55.2	48.8	42.0	47.1	80.1	98.4	1922
1923	54.4	55.2	54.5	51.0	188	79.1	61.9	53.7	47.5	53.5	50.5	35.2	53.9	1923
1924	41.1	45.9	47.1	45.3	82.5	61.9	42.5	43.5	41.9	43.1	35.2	40.3	45.9	1924
1925	40.8	40.5	45.4	42.5	42.4	52.8	49.0	49.0	47.9	52.2	47.0	48.3	48.4	1925
1926	54.0	53.8	53.3	36.7	38.0	59.5	64.2	52.5	50.1	52.2	64.7	84.8	53.7	1926
1927	48.1	79.4	111	148	169	92.8	53.0	47.5	46.9	45.1	47.1	48.9	77.8	1927
1928	50.2	79.8	74.0	145	431	137	108	58.3	120	304	224	104	153	1928
1929	107	80.3	81.9	185	204	129	94.2	54.4	39.7	53.8	56.0	40.3	92.1	1929
1930	52.8	84.7	75.6	102	115	286	235	56.4	47.7	43.8	43.0	43.1	97.0	1930
1931	40.2	44.7	46.4	59.0	113	59.4	40.4	43.2	41.8	35.5	83.7	68.3	56.3	1931
1932	73.8	58.5	59.5	184	126	36.2	28.1	23.8	21.5	27.6	113	89.0	68.7	1932
1933	78.5	83.2	38.5	216	173	85.4	35.0	56.5	38.5	30.1	28.2	32.8	72.9	1933
1934	37.2	36.7	40.5	89.8	189	41.3	40.0	40.0	40.0	45.7	88.1	73.4	62.0	1934
1935	46.2	50.0	59.8	74.8	91.3	55.3	49.8	50.9	52.8	52.4	51.4	40.4	56.5	1935
1936	43.7	41.5	56.0	89.9	202	59.3	53.6	51.5	47.3	43.5	51.9	49.8	64.4	1936
1937	51.5	58.4	86.6	102	114	59.4	42.2	51.1	53.3	54.4	70.3	58.5	65.8	1937
1938	59.9	75.1	102	354	242	85.7	51.0	53.8	50.2	49.9	34.8	43.3	101	1938
1939	49.8	48.6	65.9	91.0	151	117	86.5	53.0	53.5	55.4	58.0	48.8	71.8	1939
1940	45.1	41.9	42.1	55.7	50.6	85.7	59.8	50.4	49.8	44.8	48.0	51.1	52.8	1940
1941	51.4	59.4	73.9	132	115	56.5	42.8	47.7	52.6	87.0	168	129	84.6	1941
1942	76.6	74.2	89.0	201	107	77.9	57.7	52.8	49.8	47.2	48.9	50.6	77.7	1942
1943	58.0	49.8	58.5	111	119	182	79.1	61.7	133	58.9	55.4	54.2	85.0	1943
1944	57.5	66.0	66.1	76.2	121	67.1	54.0	51.1	50.9	50.2	44.3	50.0	63.1	1944
1945	52.7	48.2	64.1	130	129	151	54.7	52.5	50.2	52.1	89.1	80.2	77.7	1945
1946	51.4	65.5	121	89.8	106	95.0	58.5	43.9	51.8	48.7	51.4	66.3	71.6	1946
1947	67.4	65.8	64.5	80.6	225	280	67.0	51.9	58.7	64.1	52.0	54.8	86.8	1947
1948	58.8	59.7	66.4	105	112	52.6	60.2	55.5	45.0	33.6	24.8	40.0	59.5	1948
1949	45.9	55.1	58.2	111	110	79.4	59.0	63.7	58.0	55.7	41.9	33.7	64.2	1949
1950	46.6	53.5	59.3	76.6	202	85.3	65.4	60.6	63.5	62.2	53.2	45.3	72.6	1950
1951	52.2	59.6	58.2	267	135	92.2	74.2	65.6	67.1	74.2	178	144	105	1951
1952	65.7	77.1	72.8	158	154	79.9	62.8	76.2	68.8	65.5	61.3	67.1	85.7	1952
1953	64.0	73.6	104	193	200	101	75.1	64.5	63.2	55.2	39.6	37.2	89.5	1953
1954	54.9	69.9	74.4	148	162	153	75.2	61.6	60.8	131	107	87.5	98.8	1954
1955	79.4	83.2	81.9	135	81.4	63.8	44.4	44.1	32.9	29.6	32.4	43.8	62.4	1955
1956	47.8	49.9	43.5	77.6	126	89.5	66.6	61.6	65.1	52.8	55.2	49.6	67.3	1956
1957	52.5	56.9	72.6	146	108	112	140	57.0	45.3	44.4	51.9	58.5	78.0	1957
1958	52.6	53.3	65.9	70.5	54.0	55.8	60.4	47.4	43.8	31.9	43.9	32.4	51.0	1958
1959	39.0	43.8	62.0	113	132	66.1	66.0	60.1	60.6	66.4	61.5	53.9	64.4	1959
1960	48.0	53.3	66.5	203	425	119	92.6	81.2	53.0	52.5	66.8	53.2	108	1960
1961	49.1	48.4	41.6	82.7	111	86.2	76.6	66.1	64.0	56.4	72.6	67.2	67.6	1961
1962	50.7	59.3	78.1	120	220	84.7	63.0	49.1	50.8	42.5	39.1	33.0	73.5	1962
1963	39.7	36.1	34.5	128	80.3	58.4	46.1	38.6	35.4	46.4	41.9	38.5	51.5	1963
1964	33.0	35.4	34.2	117	139	66.6	46.6	35.6	47.1	48.2	46.4	46.4	57.1	1964
1965	49.5	81.3	86.3	126	210	68.0	44.2	66.7	84.9	86.1	123	88.1	91.9	1965
1966	75.5	86.1	105	198	144	148	36.6	45.1	41.0	91.4	125	156	104	1966
1967	85.2	84.7	114	253	319	125	81.2	60.1	53.6	52.0	76.7	64.6	113	1967
1968	60.5	58.6	63.8	194	115	77.7	52.4	62.6	108	74.1	57.1	58.5	81.5	1968
1969	71.2	70.1	62.4	206	145	121	112	43.3	38.4	76.8	111	87.1	93.5	1969
1970	52.7	60.4	66.1	87.8	171	300	105	60.3	87.3	101	86.3	82.8	104	1970
1971	49.6	60.4	112	222	235	109	48.0	51.3	52.6	45.4	31.0	82.7	80.0	1971
1972	47.7	52.1	71.3	136	308	71.5	51.8	73.4	112	74.1	76.7	68.0	85.7	1972
1973	69.5	58.8	86.5	158	234	114	73.0	66.4	54.8	50.7	52.3	53.6	90.4	1973
1974	47.6	62.6	71.9	129	172	86.7	56.5	56.8	45.4	27.0	58.5	53.0	72.3	1974
1975	62.9	76.2	77.5	126	198	136	62.6	48.5	30.3	26.6	41.1	52.6	78.2	1975
1976	68.4	61.6	77.3	251	257	68.4	45.7	23.3	18.5	25.1	30.5	30.1	78.7	1976
1977	56.3	57.4	80.2	218	84.6	24.6	26.0	37.2	48.1	84.9	139	104	80.8	1977
1978	83.6	89.5	87.4	82.4	223	66.3	32.5	33.3	73.7	144	96.5	91.1	91.3	1978
1979	80.7	81.6	90.6	314	384	124	106	52.4	44.3	78.0	161	161	137	1979
1980	90.3	82.1	80.3	158	178	59.8	55.2	30.6	37.1	66.6	58.5	55.8	76.5	1980
1981	57.9	69.1	66.4	215	76.5	72.5	66.5	39.2	36.1	80.3	61.8	68.7	73.4	1981
1982	64.5	71.9	66.3	121	136	33.4	27.1	21.3	63.9	146	157	148	88.5	1982
1983	114	104	87.8	132	238	284	42.0	40.1	38.0	70.4	74.7	79.9	107	1983
1984	66.1	64.8	61.6	143	85.9	61.2	105	62.0	75.7	76.8	148	134	90.4	1984
MEAN	59.1	62.1	69.9	140	163	98.4	64.2	51.2	54.5	61.3	71.0	64.5	79.7	MEAN

LOCATION - LAT 46 22 50 N LONG 81 34 07 W DRAINAGE AREA, 6 800 km² REGULATED

DATA CONTRIBUTED BY - INTERNATIONAL NICKEL COMPANY OF CANADA LIMITED

REMARKS - EXCLUDES ONAPING LAKE BASIN, BUT EXTREME HIGH WATER SPILLED FROM LAKE INTO SPANISH RIVER.

SPANISH RIVER AT HIGH FALLS - STATION NO. 02CE004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	205 ON APR 24	23.8 ON JAN 18	1 720 000	1921
1922	---	483 ON APR 20	36.1 ON DEC 25	3 040 000	1922
1923	---	354 ON MAY 7	22.2 ON DEC 30	2 020 000	1923
1924	---	118 ON MAY 17	25.1 ON AUG 3	1 450 000	1924
1925	---	82.1 ON JUN 13	28.3 ON MAY 10	1 480 000	1925
1926	---	121 ON NOV 27	25.5 ON SEP 10	1 880 000	1926
1927	---	258 ON APR 24	28.8 ON SEP 4	2 450 000	1927
1928	---	657 ON MAY 8	36.2 ON AUG 19	4 840 000	1928
1929	---	287 ON MAY 3	27.5 ON SEP 1	2 910 000	1929
1930	---	674 ON JUN 28	34.8 ON DEC 28	3 080 000	1930
1931	---	210 ON NOV 25	18.1 ON DEC 13	1 780 000	1931
1932	---	248 ON APR 26	11.5 ON JUN 25	2 110 000	1932
1933	---	416 ON APR 21	17.6 ON OCT 29	2 300 000	1933
1934	---	379 ON MAY 8	22.9 ON FEB 18	1 950 000	1934
1935	---	137 ON MAY 2	23.2 ON DEC 25	1 780 000	1935
1936	---	439 ON MAY 4	27.5 ON SEP 7	2 040 000	1936
1937	---	258 ON APR 30	31.7 ON JUL 11	2 080 000	1937
1938	---	510 ON APR 2	25.9 ON NOV 13	3 180 000	1938
1939	---	288 ON MAY 2	28.9 ON DEC 25	2 260 000	1939
1940	---	236 ON JUN 10	22.9 ON MAY 19	1 870 000	1940
1941	---	283 ON APR 22	33.1 ON JUL 6	2 870 000	1941
1942	---	287 ON APR 18	32.3 ON OCT 31	2 450 000	1942
1943	---	328 ON JUN 18	32.6 ON FEB 7	2 680 000	1943
1944	---	238 ON MAY 5	39.8 ON NOV 3	1 990 000	1944
1945	---	371 ON MAY 30	31.1 ON MAR 11	2 450 000	1945
1946	---	183 ON MAR 21	31.1 ON AUG 18	2 280 000	1946
1947	---	428 ON JUN 18	45.0 ON NOV 18	3 080 000	1947
1948	---	208 ON APR 23	10.8 ON DEC 18	1 880 000	1948
1949	---	207 ON APR 24	10.3 ON DEC 25	2 030 000	1949
1950	---	331 ON MAY 8	12.5 ON DEC 24	2 300 000	1950
1951	---	603 ON APR 14	23.4 ON SEP 2	3 310 000	1951
1952	---	425 ON APR 22	34.0 ON JUL 1	2 710 000	1952
1953	---	253 ON MAY 7	0.142 ON NOV 1	2 820 000	1953
1954	---	334 ON OCT 18	21.7 ON JAN 1	3 120 000	1954
1955	---	231 ON APR 15	3.98 ON OCT 30	1 970 000	1955
1956	---	219 ON MAY 17	15.1 ON OCT 28	2 130 000	1956
1957	---	438 ON JUN 30	18.3 ON OCT 27	2 490 000	1957
1958	88.3 ON APR 18	18.7 ON JAN 18	1 810 000	1958
1959	---	224 ON MAY 1	14.2 ON SEP 27	2 030 000	1959
1960	---	827 ON MAY 12	22.1 ON JAN 24	3 420 000	1960
1961	---	203 ON SEP 17	8.50 ON MAR 31	2 130 000	1961
1962	---	470 ON MAY 5	9.49 ON DEC 25	2 320 000	1962
1963	---	205 ON APR 20	3.40 ON SEP 1	1 820 000	1963
1964	---	314 ON MAY 1	8.21 ON AUG 2	1 810 000	1964
1965	---	382 ON MAY 5	11.5 ON AUG 22	2 800 000	1965
1966	---	484 ON APR 22	.0 ON JUL 26 *	3 280 000	1966
1967	---	758 ON MAY 3	19.1 ON SEP 10	3 670 000	1967
1968	---	276 ON APR 17	22.9 ON JUL 21	2 580 000	1968
1969	---	343 ON APR 18	26.5 ON AUG 30	2 950 000	1969
1970	---	875 ON JUN 2 *	23.4 ON SEP 8	3 290 000	1970
1971	---	351 ON APR 24	17.8 ON NOV 11	2 840 000	1971
1972	---	808 ON MAY 5	30.0 ON AUG 20	3 030 000	1972
1973	---	314 ON MAY 10	32.6 ON SEP 30	2 850 000	1973
1974	---	331 ON MAY 1	17.4 ON OCT 12	2 280 000	1974
1975	---	379 ON MAY 4	13.3 ON OCT 5	2 470 000	1975
1976	---	476 ON APR 21	11.0 ON SEP 6	2 520 000	1976
1977	---	411 ON APR 22	13.3 ON JUL 10	2 550 000	1977
1978	---	462 ON MAY 15	13.5 ON JUL 23	2 880 000	1978
1979	---	811 ON APR 28	18.7 ON OCT 7	4 330 000	1979
1980	---	267 ON MAY 13	15.8 ON AUG 10	2 420 000	1980
1981	---	380 ON APR 5	19.0 ON SEP 27	2 310 000	1981
1982	---	327 ON MAY 2	11.8 ON AUG 2	2 780 000	1982
1983	---	622 ON JUN 1	24.0 ON JUL 27	3 370 000	1983
1984	---	261 ON APR 23	28.5 ON JUN 10	2 480 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 520 000	MEAN

SPANISH RIVER AT WEBBWOOD - STATION NO. 02CE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1916	---	---	---	---	---	---	---	---	---	86.6	150	173	---	1916
1917	88.1	48.0	59.7	274	326	498	228	120	82.3	97.9	81.6	69.1	181	1917
1918	53.2	56.3	71.1	249	---	138	125	84.0	68.4	117	247	200	---	1918
1919	68.2	66.4	128	---	475	216	72.6	70.2	76.9	140	238	175	---	1919
1920	87.1	83.7	207	487	336	130	113	89.0	83.0	---	---	---	---	1920
MEAN	81.4	63.8	117	330	378	245	135	85.8	72.9	103	174	152	181	MEAN

LOCATION - LAT 48 18 50 N
LONG 81 52 25 W
REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

SPANISH RIVER AT WEBBWOOD - STATION NO. 02CE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1916	---	---	---	---	1916
1917	---	868 ON JUN 5	8.33 ON FEB 18 *	5 080 000	1917
1918	---	---	44.7 ON JAN 27	---	1918
1919	---	---	47.0 ON JAN 19	---	1919
1920	---	718 ON APR 5 *	---	---	1920
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 080 000	MEAN

SPEED RIVER ABOVE GUELPH - STATION NO. 02GA020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	0.888	0.701	0.778	---	1953
1954	0.788	4.51	7.78	9.04	1.58	0.935	0.126	0.218	0.376	6.02	1.98	1.82	2.90	1954
1955	2.71	1.08	7.70	7.25	1.76	0.465	0.102	0.130	0.231	1.23	3.50	1.85	2.34	1955
1956	1.16	0.795	3.40	12.1	7.87	1.85	2.18	5.47	2.73	1.32	1.89	2.87	3.84	1956
1957	2.80	3.07	4.78	6.20	2.83	2.29	1.05	0.233	0.923	0.878	2.87	4.40	2.87	1957
1958	1.37	0.772	3.77	3.83	0.887	0.345	0.385	0.173	0.718	0.427	1.24	0.989	1.22	1958
1959	1.07	1.14	4.47	13.5	2.80	0.814	0.408	0.502	0.397	1.31	2.53	3.20	2.58	1959
1960	1.88	2.17	1.03	18.5	8.68	2.55	0.843	0.514	0.185	0.329	1.05	0.391	3.01	1960
1961	0.300	3.63	3.57	4.08	2.90	2.19	0.837	0.578	0.842	---	---	---	---	1961
MEAN	1.50	2.15	4.81	9.04	3.64	1.37	0.734	0.990	0.775	1.53	1.93	1.89	2.62	MEAN

LOCATION - LAT 43 33 32 N LONG 80 18 00 W
DRAINAGE AREA, 269 km^2
REGULATED

SPEED RIVER ABOVE GUELPH - STATION NO. 02GA020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	73.9 ON OCT 16	0.057 ON JUL 15 *	91 300	1954
1955	---	38.2 ON MAR 11	0.057 ON JUL 22	73 700	1955
1956	---	83.0 ON AUG 30 *	0.311 ON AUG 2	115 000	1956
1957	---	24.1 ON APR 8	0.113 ON AUG 3	84 100	1957
1958	---	10.1 ON APR 7	0.085 ON AUG 11	38 400	1958
1959	---	34.8 ON APR 5	0.142 ON JUL 20	80 800	1959
1960	---	57.8 ON APR 4	0.122 ON AUG 29	95 200	1960
1961	---	27.88 ON FEB 24	---	---	1961
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		82 800	MEAN

SPEED RIVER AT GUELPH - STATION NO. 02GA011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	0.408	0.428	0.718	---	---	---	1913
MEAN	---	---	---	---	---	---	---	0.408	0.428	0.718	---	---	---	MEAN

LOCATION - LAT 43 32 00 N LONG 80 14 00 W
DRAINAGE AREA, 500 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

SPEED RIVER AT HESPELER - STATION NO. 02GA008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	---	---	---	---	---	1913
1914	4.08	5.75	12.7	10.4	4.89	2.91	1.58	1.78	2.34	1.34	2.24	2.18	4.32	1914
1915	1.88	3.60	8.59	9.01	3.43	2.95	3.67	11.3	12.9	8.40	5.73	4.38	5.18	1915
1916	14.4	9.72	12.4	26.8	12.2	14.9	3.42	2.73	2.53	2.68	2.99	2.80	6.91	1916
1917	2.85	2.78	18.9	15.7	7.80	7.30	13.3	3.32	3.23	4.00	3.40	1.77	7.08	1917
1918	1.86	8.52	28.6	11.3	3.87	2.71	2.48	2.40	4.07	3.19	3.87	7.78	6.76	1918
1919	4.83	3.20	23.3	11.9	14.4	3.08	2.33	2.89	2.73	3.07	3.73	2.91	6.53	1919
1920	1.93	1.80	16.9	11.4	3.35	4.40	5.97	3.42	2.80	2.82	4.18	5.76	5.58	1920
1921	5.15	2.17	17.5	12.2	6.21	4.67	4.81	2.58	1.89	4.51	4.51	5.39	6.01	1921
1922	2.52	3.16	16.3	27.4	5.15	4.84	3.28	2.65	2.63	2.83	---	---	---	1922
1923	---	---	---	21.3	10.8	5.78	---	---	---	---	---	---	---	1923
1924	---	---	---	20.4	---	---	---	---	---	---	---	---	---	1924
1925	---	---	---	6.75	2.89	3.23	---	---	---	---	---	---	---	1925
1926	---	---	---	28.9	6.93	4.19	---	---	---	---	---	---	---	1926
1927	---	---	---	10.1	---	---	---	---	---	---	---	---	---	1927
1928	---	---	---	17.8	---	---	---	---	---	---	---	---	---	1928
1930	---	---	13.4	18.5	---	---	---	---	---	---	---	---	---	1930
1931	---	---	4.16	10.1	---	---	---	---	---	---	---	---	---	1931
1947	---	---	---	---	---	---	---	---	---	2.35	3.33	5.36	---	1947
1948	3.75	4.93	31.5	9.67	6.86	3.21	3.85	1.04	0.819	1.61	3.77	2.89	6.16	1948
MEAN	4.27	4.67	17.4	15.6	6.81	4.92	4.50	3.38	3.58	3.18	3.90	4.04	6.39	MEAN

LOCATION - LAT 43 25 54 N LONG 80 18 41 W DRAINAGE AREA, 707 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

SPEED RIVER AT HESPELER - STATION NO. 02GA008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1913	---	---	---	---	1913
1914	---	50.4 ON MAR 28	0.340 ON AUG 18 *	136 000	1914
1915	---	54.1 ON SEP 14	1.05 B ON JAN 24	194 000	1915
1916	---	84.7 ON MAR 31	1.10 ON SEP 24	282 000	1916
1917	---	95.0 ON MAR 27	1.38 ON DEC 31	223 000	1917
1918	---	82.3 ON MAR 21	1.30 ON JAN 4	213 000	1918
1919	---	134 ON MAR 18	1.78 ON JUL 17	206 000	1919
1920	---	88.8 ON MAR 13	1.67 B ON FEB 6	177 000	1920
1921	---	58.3 ON MAR 9	0.821 ON AUG 27	189 000	1921
1922	---	87.8 ON APR 12	---	---	1922
1923	---	---	---	---	1923
1924	---	---	---	---	1924
1925	---	---	---	---	1925
1926	---	---	---	---	1926
1927	---	---	---	---	1927
1928	---	---	---	---	1928
1930	---	---	---	---	1930
1931	---	---	---	---	1931
1947	---	---	---	---	1947
1948	---	183 ON MAR 21 *	0.510 ON AUG 17	195 000	1948
				202 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SPEED RIVER BELOW GUELPH - STATION NO. 02GA015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1950	---	---	---	---	4.11	2.38	1.95	2.25	1.47	2.21	5.14	10.0	---	1950
1951	10.0	8.26	17.1	24.2	5.35	3.16	4.12	1.21	1.38	2.85	6.33	4.46	7.33	1951
1952	9.53	5.27	13.8	18.1	5.40	2.11	1.82	1.55	1.52	1.46	2.82	3.83	5.58	1952
1953	3.56	5.17	13.4	5.31	10.9	6.33	5.49	2.76	1.60	1.39	1.73	2.10	4.99	1953
1954	1.73	9.01	14.8	17.5	4.65	3.23	1.16	1.52	1.88	13.9	5.76	4.84	6.62	1954
1955	5.36	2.92	14.2	15.2	6.03	2.85	0.987	1.05	1.09	2.86	7.48	4.01	5.32	1955
1956	2.70	2.85	10.3	24.1	18.4	5.89	4.33	9.29	9.47	4.48	4.73	5.80	8.53	1956
1957	5.45	6.97	9.90	10.6	6.14	5.75	3.76	1.31	2.28	3.07	6.63	8.87	5.78	1957
1958	2.85	2.70	6.37	7.73	2.72	1.27	1.49	1.16	2.33	1.42	2.49	2.15	2.89	1958
1959	2.31	2.87	7.29	30.5	7.24	1.91	1.47	1.38	1.15	4.87	5.06	4.80	5.88	1959
1960	3.83	4.00	3.41	26.7	17.2	5.39	3.14	2.08	0.934	1.25	3.61	1.85	6.10	1960
1961	0.842	4.75	7.66	9.26	6.38	4.76	2.51	2.76	2.54	1.69	2.81	3.24	4.09	1961
1962	1.78	1.42	8.28	10.0	2.78	1.62	1.17	0.935	0.912	2.98	5.75	3.81	3.48	1962
1963	2.39	1.84	12.6	7.81	5.40	1.65	0.521	1.03	0.902	0.775	1.48	0.984	3.16	1963
1964	2.28	1.89	7.34	8.56	4.89	2.04	2.14	3.71	1.30	1.52	1.84	4.15	3.37	1964
1965	4.75	11.8	6.86	25.3	6.27	1.87	2.13	1.24	1.38	4.78	7.50	8.84	6.86	1965
1966	5.29	5.59	12.3	7.84	5.30	4.26	1.08	1.11	1.05	1.18	3.84	7.48	4.68	1966
1967	4.58	3.96	8.97	21.2	5.47	9.79	7.40	2.88	1.98	4.55	5.91	8.25	7.06	1967
1968	3.19	10.3	17.2	8.05	4.80	2.73	2.75	6.85	6.14	4.24	7.85	7.10	6.72	1968
1969	6.85	7.36	14.4	21.3	8.81	3.06	2.07	1.79	1.05	1.83	4.75	2.73	6.29	1969
1970	1.82	2.57	4.62	16.0	5.41	1.87	2.40	1.77	2.71	3.57	5.82	7.31	4.64	1970
1971	4.11	4.31	7.43	21.5	4.55	---	---	---	---	---	---	4.66	---	1971
1972	5.06	2.98	5.18	31.5	8.20	5.97	3.83	1.47	1.32	3.89	5.46	6.12	6.58	1972
1973	7.61	6.82	26.2	11.8	8.59	3.89	1.42	1.73	1.05	1.61	5.24	3.84	6.87	1973
1974	4.02	5.38	16.9	14.8	15.8	4.41	1.76	1.08	0.937	1.32	3.07	2.01	6.28	1974
1975	2.74	4.65	11.7	17.1	5.32	3.69	1.53	1.81	2.52	2.14	3.39	4.25	5.07	1975
1976	3.55	7.23	23.8	15.3	9.55	3.90	3.34	2.77	4.12	5.93	4.93	2.63	7.29	1976
1977	1.65	1.73	13.7	9.76	2.89	1.89	1.92	2.50	5.27	9.45	8.39	9.52	5.75	1977
1978	4.77	5.33	8.34	21.0	8.93	2.87	1.93	1.81	2.80	3.08	3.83	5.55	5.84	1978
1979	4.45	2.25	18.1	21.6	8.54	3.41	2.09	2.42	2.31	2.88	5.23	9.05	8.71	1979
1980	6.00	3.72	11.3	15.1	7.04	3.98	3.81	2.21	2.89	3.32	2.98	4.27	5.54	1980
1981	2.24	8.42	4.08	5.78	3.08	1.49	2.56	2.08	3.55	6.38	6.30	4.32	4.15	1981
1982	3.16	2.49	8.70	25.4	4.55	7.65	2.86	2.01	3.18	5.42	8.27	14.8	7.43	1982
1983	6.74	5.62	8.98	12.5	13.9	4.67	1.98	2.13	2.03	2.43	3.17	4.87	5.58	1983
1984	2.77	11.4	12.0	10.2	5.30	3.67	1.93	1.49	2.27	2.09	3.38	4.12	5.34	1984
MEAN	4.18	5.12	11.3	16.3	7.08	3.86	2.50	2.18	2.33	3.43	4.77	5.31	5.68	MEAN

LOCATION - LAT 43 31 30 W DRAINAGE AREA, 593 km²
LONG 80 15 44 W REGULATED

SPEED RIVER BELOW GUELPH - STATION NO. 02GA015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1950	---	---	---	---	1950
1951	107 AT 22:00 EST ON MAR 30	85.0 ON MAR 31	0.850 ON SEP 10	231 000	1951
1952	---	44.7 ON APR 1	1.08 ON MAY 5	177 000	1952
1953	---	45.9 ON MAY 25	1.05 ON OCT 27	157 000	1953
1954	183 AT 13:00 EST ON OCT 16	130 ON OCT 16 *	0.983 ON JUL 9	203 000	1954
1955	---	58.38 ON MAR 11	0.588 ON JUL 23	165 000	1955
1956	---	99.7 ON MAY 12	1.53 ON AUG 4	270 000	1956
1957	---	34.3 ON APR 6	0.788E ON AUG 23	182 000	1957
1958	---	15.6 ON APR 7	0.680 ON AUG 15	91 200	1958
1959	---	83.3 ON APR 8	0.283 ON SEP 11	185 000	1959
1960	85.2 AT 13:00 EST ON APR 4	81.0 ON APR 4	0.912 ON AUG 31	193 000	1960
1961	---	33.78 ON FEB 24	0.7938 ON FEB 1	129 000	1961
1962	81.4 AT 05:00 EST ON MAR 30	56.1 ON MAR 30	0 ON AUG 24 *	109 000	1962
1963	85.0 AT 22:00 EST ON MAR 27	80.4 ON MAR 27	0.408 ON NOV 8	89 500	1963
1964	28.9 AT 15:00 EST ON DEC 25	24.8 ON APR 8	0.408 ON SEP 19	107 000	1964
1965	98.0 AT 01:00 EST ON APR 8	78.2 ON APR 8	0.345 ON SEP 2	216 000	1965
1966	31.7 AT 03:00 EST ON DEC 8	28.4 ON DEC 8	0.785 ON JUL 24	148 000	1966
1967	136 AT 09:00 EST ON APR 3	107 ON APR 3	0.977 ON SEP 17	233 000	1967
1968	51.3 AT 16:30 EST ON AUG 23	37.7 ON MAR 20	1.22 ON JUL 27	213 000	1968
1969	84.4 AT 23:30 EST ON APR 18	48.4 ON APR 8	0.903 ON SEP 14	198 000	1969
1970	46.4 AT 05:08 EST ON APR 10	38.6 ON APR 8	0.908 ON JUL 1	148 000	1970
1971	48.1 AT 08:46 EST ON APR 10	43.3 ON APR 10	---	---	1971
1972	106 AT 04:12 EST ON APR 18	88.5 ON APR 18	1.05 ON SEP 24	207 000	1972
1973	83.0 AT 13:52 EST ON MAR 13	76.6 ON MAR 13	0.614 ON SEP 13	210 000	1973
1974	166 AT 12:26 EST ON MAY 17 *	113 ON MAY 17	0.753 ON AUG 22	198 000	1974
1975	127 A AT 15:00 EST ON APR 19	95.4A ON APR 19	0.708 ON AUG 20	160 000	1975
1976	50.1 AT 21:41 EST ON MAR 21	45.9 ON MAR 21	1.61 ON JUL 28	231 000	1976
1977	51.8 AT 11:10 EST ON MAR 14	48.6 ON MAR 14	1.02 ON JUL 28	181 000	1977
1978	34.0 AT 01:11 EST ON APR 14	32.0 ON APR 13	1.24 ON AUG 14	178 000	1978
1979	82.7 AT 08:38 EST ON APR 15	61.0 ON APR 15	1.67 ON JUL 19	212 000	1979
1980	51.0 AT 20:00 EST ON MAR 22	48.3 ON MAR 22	1.55 ON AUG 24	175 000	1980
1981	28.2 AT 01:27 EST ON FEB 25	28.3 ON FEB 25	0.527 ON JUN 10	131 000	1981
1982	69.6 AT 11:40 EST ON APR 2	55.7 ON APR 2	1.40 ON AUG 19	234 000	1982
1983	38.1 AT 18:21 EST ON MAY 3	35.0 ON MAY 4	1.36 ON SEP 10	175 000	1983
1984	32.8 AT 01:05 EST ON FEB 21	30.8 ON FEB 21	0.730 ON AUG 17	189 000	1984
				179 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SPEED RIVER NEAR ARMSTRONG MILLS - STATION NO. 02GA040

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	---	---	---	---	1.17	---	1973
1974	1.70	1.25	9.70	5.07	4.81	0.984	0.315	0.185	0.178	0.295	0.980	0.534	1.92	1974
1975	0.917	1.95	4.70	7.81	1.49	0.784	0.241	0.327	0.538	0.440	0.918	1.49	1.79	1975
1976	0.831	3.49	10.2	4.48	2.82	1.28	1.05	0.854	0.985	1.70	1.28	0.689	2.47	1976
1977	0.452	0.492	7.58	3.26	0.836	0.357	0.350	0.585	1.82	3.28	2.77	2.60	2.01	1977
1978	1.81	0.822	2.32	5.92	2.96	0.511	0.140	0.163	0.986	0.875	1.21	1.35	1.90	1978
1979	0.985	0.525	5.44	7.19	2.32	0.682	0.233	0.188	0.197	0.883	2.24	3.60	2.37	1979
1980	1.43	0.203	5.52	5.27	1.72	1.72	1.60	0.422	0.589	1.33	0.875	1.93	1.90	1980
1981	0.415	5.29	2.32	2.11	1.15	0.826	0.722	0.625	1.35	2.33	2.04	1.15	1.73	1981
1982	1.17	0.484	4.06	8.55	1.47	2.65	0.568	0.630	0.879	0.807	4.67	7.11	2.84	1982
1983	1.66	2.49	3.09	4.31	4.71	1.08	0.264	0.328	0.385	0.758	1.16	1.81	1.86	1983
1984	0.598	8.43	5.87	4.67	1.45	0.885	0.488	0.184	0.608	0.531	1.49	2.92	2.30	1984
MEAN	1.07	2.44	5.82	5.78	2.32	1.04	0.543	0.407	0.745	1.19	1.79	2.20	2.10	MEAN

LOCATION - LAT 43 38 19 N DRAINAGE AREA, 187 km²
LONG 80 16 12 W REGULATED

SPEED RIVER NEAR ARMSTRONG MILLS - STATION NO 02GA040

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1973	---	---	---	---	1973
1974	114 AT 08:42 EST ON MAY 17 *	61.7 ON MAY 17	0.079 ON AUG 22	80 800	1974
1975	102 AT 08:59 EST ON APR 19	71.4 ON APR 19 *	0.071 ON AUG 20	58 500	1975
1976	61.2 AT 08:41 EST ON MAR 21	52.7 ON MAR 21	0.190 ON SEP 9	78 100	1976
1977	67.4 AT 17:23 EST ON MAR 13	58.3 ON MAR 13	0.079 ON JUL 28	63 400	1977
1978	34.8 AT 22:21 EST ON APR 11	26.8 ON APR 11	0.048 ON AUG 15 *	59 900	1978
1979	52.8 AT 11:25 EST ON APR 14	44.8 ON APR 14	0.092 ON JUL 30	74 700	1979
1980	68.2 AT 15:38 EST ON MAR 21	46.08 ON MAR 21	0.080B ON MAR 3	80 100	1980
1981	34.0 AT 00:30 EST ON FEB 24	28.58 ON FEB 21	0.096 ON JUL 25	54 400	1981
1982	71.2 AT 23:33 EST ON MAR 31	48.3 ON APR 1	0.250 ON AUG 19	89 600	1982
1983	28.0 AT 03:36 EST ON MAY 3	20.8 ON MAY 3	0.112 ON SEP 15	58 800	1983
1984	---	59.08 ON FEB 15	0.099 ON AUG 18	72 700	1984
				68 300	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SPEED RIVER NEAR ERAMOSA - STATION NO. 02GA012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	0.200	0.229	0.383	---	---	---	1913
MEAN	---	---	---	---	---	---	---	0.200	0.229	0.383	---	---	---	MEAN

LOCATION - LAT 43 35 34 N DRAINAGE AREA, 233 km² DATA CONTRIBUTED BY -
LONG 80 14 41 W REGULATED ONTARIO HYDRO

REMARKS - STATION FORMERLY CALLED "SPEED RIVER AT LESLIES BRIDGE"

SPEED RIVER NEAR GUELPH - STATION NO. 02GA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	---	---	1.48	0.881	---	1913
1914	1.99	0.719	7.49	2.61	0.582	0.081	0.075	0.207	0.673	0.298	1.68	1.04	1.48	1914
1915	0.564	1.99	3.68	3.74	1.03	0.775	1.12	3.91	3.42	1.89	1.86	1.10	2.13	1915
1916	5.66	3.51	8.02	8.34	4.09	3.26	0.493	0.176	0.143	0.590	0.639	0.773	2.95	1916
1917	0.747	1.10	11.3	4.31	2.07	1.73	3.83	0.311	0.072	---	---	---	---	1917
MEAN	2.29	1.83	7.67	4.76	1.84	1.48	1.38	1.15	1.08	0.925	1.38	0.899	2.18	MEAN

LOCATION - LAT 43 35 42 N DRAINAGE AREA, 180 km² DATA CONTRIBUTED BY -
LONG 80 14 55 W NATURAL FLOW ONTARIO HYDRO

SPEED RIVER NEAR GUELPH - STATION NO. 02GA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1913	---	---	---	---	1913
1914	---	45.0 ON MAR 27	0.057 ON JUN 2	46 000	1914
1915	---	25.3 ON SEP 13	0.170 ON JUL 18	87 100	1915
1916	---	54.4 ON MAR 30 *	0.026 ON AUG 7 *	93 400	1916
1917	---	48.1 ON MAR 26	---	---	1917
				88 800	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SPENCER CREEK AT DUNDAS - STATION NO. 02HB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	2.12	3.02	7.60	6.10	1.39	0.380	0.187	0.048	---	0.815	0.726	2.00	---	1959
1960	2.04	2.41	---	---	---	---	---	---	---	---	---	---	---	1960
MEAN	2.08	2.72	7.60	6.10	1.39	0.380	0.187	0.048	---	0.815	0.726	2.00	---	MEAN

LOCATION - LAT 43 15 55 N DRAINAGE AREA, 169 km²
LONG 79 57 49 W NATURAL FLOW

REMARKS - STATION REACTIVATED AT NEW LOCATION AUG 1984.

SPENCER CREEK AT DUNDAS - STATION NO. 02HB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1959	---	19.6 B ON MAR 6 *	---	---	1959
1960	---	4.760 ON FEB 10	1.088 ON JAN 30 *	---	1960
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

SPENCER CREEK AT DUNDAS CROSSING - STATION NO. 02HB010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	---	---	0.320	0.623	0.284	---	1960
1961	0.182	2.22	4.17	4.35	2.29	0.637	0.740	2.97	0.913	0.343	0.909	1.21	1.75	1961
1962	0.445	0.287	7.10	3.02	0.746	0.587	0.235	0.262	0.184	1.74	3.48	2.00	1.88	1962
1963	0.576	0.330	5.05	2.85	1.80	0.582	0.082	0.064	0.048	0.048	0.136	0.131	0.969	1963
1964	0.389	0.335	3.28	3.02	1.52	0.671	1.12	1.28	0.908	0.334	0.518	1.80	1.24	1964
1965	1.27	4.55	4.25	8.48	1.02	0.130	0.127	0.157	0.182	0.889	2.18	2.39	2.11	1965
1966	1.12	1.46	4.81	2.40	1.62	0.980	0.112	0.055	0.040	0.340	0.801	3.83	1.35	1966
1967	1.84	1.35	3.58	5.21	2.28	3.04	1.72	0.716	0.418	0.993	1.49	2.45	2.09	1967
1968	0.995	3.82	5.54	3.60	1.21	0.622	0.301	0.857	1.63	0.895	2.38	2.48	1.95	1968
1969	2.63	2.57	3.00	5.45	2.95	0.806	0.218	0.131	0.078	0.170	0.573	0.527	1.57	1969
1970	0.380	0.785	2.80	4.32	1.57	0.250	0.267	0.223	0.402	0.741	1.63	2.03	1.28	1970
1971	1.06	1.38	5.78	5.34	0.837	0.488	0.240	0.139	0.153	0.228	0.321	1.10	1.42	1971
1972	1.08	0.739	5.19	6.85	2.18	0.807	0.962	1.87	0.378	1.16	2.55	2.67	2.21	1972
1973	2.54	2.38	6.94	4.02	1.91	0.746	0.808	0.387	0.184	0.553	2.36	2.11	2.23	1973
1974	3.78	2.54	5.02	4.11	4.37	1.48	0.553	0.191	0.164	0.568	0.918	1.04	2.06	1974
1975	1.12	2.35	5.10	3.35	1.00	0.395	0.205	0.373	1.27	1.50	3.14	2.05	1.73	1975
1976	1.37	5.99	9.31	4.20	3.34	0.852	0.814	0.388	2.28	1.41	1.13	0.884	2.72	1976
1977	0.830	0.833	8.30	3.72	0.858	0.369	0.595	0.352	1.68	3.23	2.40	4.80	2.33	1977
1978	1.74	1.36	5.13	7.86	2.10	0.438	0.185	0.182	0.843	1.14	1.07	1.47	1.97	1978
1979	1.24	1.06	7.58	5.65	1.80	0.822	0.339	0.290	0.388	0.918	1.62	3.73	2.18	1979
1980	2.20	0.582	3.54	5.26	1.75	0.803	0.318	0.257	0.282	0.878	0.532	0.781	1.42	1980
1981	0.298	3.76	1.80	1.84	0.780	0.450	0.373	0.536	1.67	2.16	2.07	1.21	1.38	1981
1982	0.774	0.715	6.32	5.01	1.01	1.87	0.442	0.881	1.22	1.82	2.69	3.80	2.27	1982
1983	2.05	2.88	3.36	3.44	3.31	1.12	0.330	0.548	0.419	0.808	1.18	3.11	1.77	1983
1984	0.772	---	---	---	---	---	---	---	---	---	---	---	---	1984
MEAN	1.27	1.57	5.17	4.54	1.84	0.811	0.473	0.577	0.694	0.950	1.48	1.87	1.81	MEAN

LOCATION - LAT 43 15 54 N DRAINAGE AREA, 186 km²
LONG 79 57 53 W REGULATED

REMARKS - DISCONTINUED FEB 15 1984. REPLACED BY STATION NO. 02HB007 (NEW SITE)

SPENCER CREEK AT DUNDAS CROSSING - STATION NO. 02HB010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1960	---	---	---	---	1960
1961	---	12.3 ON FEB 23	0.062 ON JAN 30	55 400	1961
1962	---	19.0 ON NOV 10	0.034 ON SEP 8	53 000	1962
1963	---	16.3 ON MAR 27	0.026 ON OCT 20	31 100	1963
1964	---	8.48 ON MAR 26	0.093 ON JAN 1	39 300	1964
1965	---	24.4 ON FEB 11 *	0.042 ON JUL 31	55 500	1965
1966	---	11.3 ON DEC 11	0.023 ON SEP 12 *	42 900	1966
1967	---	18.5 ON APR 3	0.170 ON JUN 7	55 900	1967
1968	---	21.2 B ON FEB 2	0.116 ON AUG 1	61 500	1968
1969	17.5 AT 16:00 EST ON APR 19	16.0 B ON JAN 30	0.031 ON OCT 18	49 400	1969
1970	13.8 AT 23:30 EST ON APR 2	10.0 ON APR 3	0.085 ON JUL 7	40 400	1970
1971	20.3 AT 12:44 EST ON APR 7	15.8 ON APR 7	0.051 ON AUG 21	44 900	1971
1972	17.4 AT 13:04 EST ON MAR 22	15.7 ON MAR 22	0.278 ON SEP 22	70 000	1972
1973	21.2 AT 14:51 EST ON MAR 11	17.8 ON MAR 15	0.062 ON SEP 11	70 200	1973
1974	22.7 AT 23:39 EST ON JAN 27	18.2 ON JAN 28	0.079 ON AUG 30	64 900	1974
1975	16.4 AT 22:47 EST ON FEB 24	13.4 ON MAR 20	0.062 ON MAY 29	54 700	1975
1976	28.4 AT 18:18 EST ON SEP 18	17.4 ON SEP 19	0.102 ON SEP 9	85 800	1976
1977	20.7 AT 20:02 EST ON MAR 10	17.5 ON MAR 11	0.144 ON AUG 2	73 200	1977
1978	21.1 AT 19:31 EST ON MAR 23	16.5 ON MAR 24	0.093 ON JUL 20	62 000	1978
1979	30.6 AT 07:50 EST ON MAR 5 *	23.8 ON MAR 5	0.123 ON AUG 17	69 200	1979
1980	19.7 AT 11:17 EST ON APR 15	15.5 ON MAR 22	0.121 ON AUG 27	44 800	1980
1981	14.4 AT 06:26 EST ON FEB 21	13.3 ON FEB 25	0.092 ON AUG 27	43 800	1981
1982	29.0 AT 09:46 EST ON APR 1	23.7 ON APR 1	0.155 ON AUG 21	71 800	1982
1983	18.0 AT 09:13 EST ON MAY 3	7.47 ON MAY 4	0.105 ON JUL 26	55 800	1983
1984	---	---	---	---	1984
				57 200	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

SPENCER CREEK NEAR WESTOVER - STATION NO. 02HB015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	0.095	0.079	0.076	0.141	0.239	0.818	---	1971
1972	0.242	0.296	0.824	2.52	0.782	0.347	0.429	0.516	0.181	0.598	1.04	0.638	0.707	1972
1973	0.730	0.732	2.81	1.40	0.838	0.372	0.120	0.085	0.085	0.172	0.782	0.656	0.733	1973
1974	1.03	0.941	1.85	1.22	1.19	0.554	0.208	0.072	0.080	0.120	0.549	0.371	0.662	1974
1975	0.358	0.497	1.42	1.47	0.544	0.233	0.057	0.182	0.438	0.727	0.745	0.715	0.814	1975
1976	0.472	1.41	2.93	1.48	1.15	0.394	0.381	0.152	0.364	0.363	0.552	0.203	0.820	1976
1977	0.143	0.183	2.26	1.53	0.317	0.196	0.196	0.187	0.769	1.33	0.883	1.53	0.803	1977
1978	0.826R	0.517R	0.930R	2.74	0.803	0.214	0.080	0.098	0.426	0.436	0.494	0.632	0.689R	1978
1979	0.306	0.317	2.10	2.14	0.923	0.341	0.157	0.114	0.158	0.432	0.768	1.34	0.781	1979
1980	0.948	0.232	0.937	1.78	0.847	0.311	0.163	0.135	0.141	0.428	0.301	0.329	0.545	1980
1981	0.073	1.23	0.707	0.708	0.371	0.170	0.155	0.242	0.881	0.766	0.867	0.398	0.524	1981
1982	0.397	0.202	1.82	2.73	0.471	0.609	0.128	0.421	0.417	0.535	0.988	1.43	0.848	1982
1983	0.779	0.886	1.17	1.19	1.33	0.451	0.104	0.422	0.178	0.362	0.414	0.658	0.660	1983
1984	0.483	1.69	1.04	1.57	0.551	0.449	0.184	0.321	0.434	0.294	0.876	0.729	0.719	1984
MEAN	0.536R	0.703R	1.59 R	1.73	0.766	0.357	0.175	0.215	0.316	0.477	0.678	0.746	0.699	MEAN

LOCATION - LAT 43 21 10 N LONG 80 04 40 W DRAINAGE AREA, 63.5 km^2 NATURAL FLOW

R - REVISED SINCE JAN 1980

SPENCER CREEK NEAR WESTOVER - STATION NO. 02HB015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	4.81 AT 08:40 EST ON APR 15	4.70 ON APR 15	0.102 ON JUL 31	22 300	1972
1973	6.26 AT 00:54 EST ON MAR 8	5.47 ON MAR 8	0.037 ON SEP 12	23 100	1973
1974	5.01 AT 00:35 EST ON MAR 7	4.62 ON MAR 7	0.045 ON AUG 22	20 900	1974
1975	3.40 AT 20:50 EST ON APR 20	3.31 ON APR 20	0.034 ON JUL 9	19 400	1975
1976	6.17 AT 09:22 EST ON MAR 23	4.93 ON MAR 23	0.057 ON SEP 8	25 900	1976
1977	5.63E AT 19:35 EST ON MAR 13 *	5.26 ON MAR 14 *	0.040 ON JUL 28	25 300	1977
1978	4.64 AT 05:53 EST ON APR 8	4.64 ON APR 3	0.045 ON JUL 20	21 700R	1978
1979	6.11 AT 22:31 EST ON APR 15	5.67 ON APR 15	0.041 ON AUG 22	24 000	1979
1980	5.13 AT 23:39 EST ON MAR 22	4.76 ON MAR 23	0.046 ON SEP 12	17 350	1980
1981	5.39 AT 01:46 EST ON FEB 22	5.25 ON FEB 22	0.017 ON JUL 17 *	16 500	1981
1982	9.05 AT 11:39 EST ON APR 2	8.08 ON APR 2	0.041 ON JUL 27	26 700	1982
1983	2.15 AT 14:30 EST ON MAY 5	2.13 ON MAY 5	0.029E ON SEP 16	20 850	1983
1984	5.34 AT 00:25 EST ON FEB 20	5.20 ON FEB 19	0.057 ON AUG 1	22 700	1984
				22 000R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 1980

ST. LAWRENCE RIVER AT CORNWALL - STATION NO. 02MC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1958	---	---	---	---	---	---	6 430	6 310	6 230	6 100	5 870	5 910	---	1958
1959	5 050	5 370	5 740	6 990	7 450	7 450	7 140	6 550	6 190	5 910	5 840	6 050	6 320	1959
1960	5 020	6 130	6 440	7 000	7 520	8 220	7 780	7 410	6 820	5 770	5 880	5 960	6 740	1960
1961	5 970	6 030	5 900	6 200	7 070	7 900	7 550	7 160	6 886	6 540	6 120	6 080	6 630	1961
1962	5 980	5 900	5 790	5 420	5 580	6 020	6 070	6 130	6 110	5 880	5 890	5 960	5 900	1962
1963	5 940	5 890	5 580	5 380	5 320	5 840	6 060	6 130	6 010	6 000	5 820	5 940	5 830	1963
1964	5 970	5 840	5 480	5 080	5 210	5 540	5 880	5 850	5 870	5 820	5 850	5 460	5 620	1964
1965	5 180	5 150	5 090	5 200	5 000	5 340	5 700	5 840	5 740	5 750	5 840	6 420	5 530	1965
1966	6 280	6 300	6 620	6 830	6 010	6 010	6 210	6 240	6 280	6 130	6 000	6 140	6 230	1966
1967	6 210	6 460	6 100	5 990	6 190	6 180	6 410	6 600	6 580	7 070	7 830	7 970	6 630	1967
1968	6 810	7 050	6 710	7 420	6 970	6 720	7 170	7 420	7 860	7 420	7 180	7 120	7 140	1968
1969	6 660	7 150	7 230	7 480	7 806	8 240	8 420	8 350	7 850	7 230	7 020	6 890	7 530	1969
1970	6 440	6 650	6 650	6 700	7 050	7 080	7 280	7 510	7 320	7 440	7 500	7 340	7 080	1970
1971	6 670	7 010	7 440	7 886	8 070	7 720	7 400	7 320	7 460	7 320	7 000	6 650	7 310	1971
1972	6 290	6 530	7 200	7 720	8 240	8 490	8 780	8 780	8 780	8 550	8 310	7 640	7 950	1972
1973	7 130	7 900	8 480	9 200	9 530	9 910	9 910	9 180	8 970	8 670	8 310	7 630	8 730	1973
1974	6 800	7 520	8 540	8 770	8 720	9 260	9 520	9 350	8 900	8 580	7 840	7 970	8 490	1974
1975	7 260	7 070	8 180	8 530	8 550	8 720	8 220	8 010	7 970	8 180	8 140	7 450	8 046	1975
1976	8 990	7 380	8 200	8 550	9 300	9 870	9 506	9 230	8 780	8 540	8 400	8 770	8 506	1976
1977	6 270	6 090	7 000	7 800	7 930	7 440	7 060	7 350	7 830	8 480	8 390	7 280	7 420	1977
1978	7 060	8 060	8 470	8 300	8 910	8 720	8 230	7 880	7 780	7 460	7 040	8 370	7 850	1978
1979	8 270	7 030	7 640	8 050	8 220	8 350	7 810	7 780	8 000	8 270	8 150	8 170	7 830	1979
1980	7 180	7 170	7 150	7 860	8 380	8 240	8 140	8 310	8 530	8 110	7 920	7 120	7 850	1980
1981	8 690	6 860	7 500	7 340	7 010	7 160	7 456	7 900	8 390	8 470	8 410	8 490	7 840	1981
1982	6 886	7 100	7 210	7 750	8 150	8 210	8 240	7 870	7 700	7 500	7 540	7 650	7 856	1982
1983	6 570	6 530	7 600	7 800	7 970	8 430	7 886	7 820	7 860	7 710	7 640	7 490	7 856	1983
1984	6 740	7 460	7 520	7 990	8 850	8 760	8 850	8 630	8 430	7 570	7 500	7 380	7 990	1984
MEAN	6 830	6 850	6 990	7 270	7 500	7 590	7 500	7 510	7 445	7 280	7 180	6 930	7 230	MEAN

LOCATION - LAT 45 00 21 N
LONG 74 47 43 W

DRAINAGE AREA, 774 000 km²
REGULATED

DATA CONTRIBUTED BY -
INTERNATIONAL ST. LAWRENCE RIVER BOARD OF CONTROL

ST. LAWRENCE RIVER AT CORNWALL - STATION NO. 02MC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1958	---	---	---	---	1958
1959	---	7 560 ON JUN 19	4 640 ON JAN 9	189 000 000	1959
1960	---	8 550 ON JUN 28	5 520 ON JAN 14	213 000 000	1960
1961	---	8 010 ON JUN 10	5 580 ON MAR 11	209 000 000	1961
1962	---	6 200 ON SEP 7	5 070 ON MAR 31	186 000 000	1962
1963	---	5 710 ON JAN 31	4 900 ON MAR 30	184 000 000	1963
1964	---	5 120 ON JAN 1	4 670 ON APR 4	178 000 000	1964
1965	---	6 850 ON DEC 27	4 500 ON FEB 27 *	175 000 000	1965
1966	---	6 840 ON MAR 30	5 380 ON DEC 3	196 000 000	1966
1967	---	8 070 ON NOV 25	4 980 ON APR 1	209 000 000	1967
1968	---	7 830 ON DEC 9	5 950 ON DEC 21	226 000 000	1968
1969	---	8 470 ON JUN 28	5 950 ON JAN 4	238 000 000	1969
1970	---	7 530 ON DEC 12	5 660 ON JAN 3	223 000 000	1970
1971	---	8 130 ON MAY 15	5 230 ON JAN 1	231 000 000	1971
1972	---	8 830 ON SEP 8	5 660 ON [illegible] 1	251 000 000	1972
1973	---	9 940 ON JUL 11	6 510 ON [illegible]	275 000 000	1973
1974	---	9 860 ON JUL 23	5 800 ON [illegible]	258 000 000	1974
1975	---	8 780 ON APR 12	6 510 ON JAN [illegible]	25[illegible] 000 000	1975
1976	---	9 570 ON JUN 22 *	5 860 ON DEC [illegible]	281 000 000	1976
1977	---	8 540 ON OCT 8	5 860 ON JAN [illegible]	234 000 000	1977
1978	---	9 080 ON MAR 29	5 860 ON DEC 21	248 000 000	1978
1979	---	8 540 ON DEC 31	5 860 ON JAN 13	247 000 000	1979
1980	---	8 780 ON JAN 1	5 850 ON DEC 27	248 000 000	1980
1981	---	8 780 ON DEC 26	5 950 ON JAN 1	241 000 000	1981
1982	---	8 780 ON JAN 1	5 950 ON JAN 12	241 000 000	1982
1983	---	8 550 ON MAY 28	5 850 ON DEC 24	241 000 000	1983
1984	---	8 830 ON JUL 24	6 230 ON JAN 2	253 000 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		228 000 000	MEAN

ST. LAWRENCE RIVER AT IROQUOIS - STATION NO. 02MB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1860	---	---	---	---	---	7 820	7 800	7 820	7 820	7 380	7 550	7 480	---	1860
1861	6 630	6 820	7 420	7 900	8 500	8 580	8 610	8 380	8 040	8 100	8 070	8 010	7 930	1861
1862	7 330	7 020	7 420	8 180	8 610	8 540	8 550	8 330	7 990	7 700	7 420	7 380	7 800	1862
1863	7 380	7 280	7 250	7 870	8 330	8 380	8 210	7 930	7 870	7 380	7 380	7 310	7 700	1863
1864	6 740	6 970	7 180	7 500	8 130	8 410	8 130	7 870	7 820	7 420	7 480	7 590	7 590	1864
1865	7 330	6 740	7 220	7 930	8 070	8 070	7 900	7 590	7 220	6 970	6 880	6 800	7 400	1865
1866	6 200	6 030	6 430	6 910	7 280	7 580	7 820	7 530	7 360	7 310	7 350	7 850	7 110	1866
1867	6 740	7 190	7 310	7 870	8 350	8 580	8 350	8 010	7 590	7 180	7 020	6 510	7 550	1867
1868	6 280	5 920	6 290	6 910	6 990	7 420	7 380	7 140	7 140	6 770	6 630	6 820	6 810	1868
1869	6 170	5 970	5 800	7 220	7 670	7 790	8 010	7 980	7 900	7 780	7 500	7 140	7 250	1869
1870	7 310	7 330	7 310	8 210	8 690	8 720	8 670	8 210	7 670	7 820	7 380	7 250	7 900	1870
1871	6 820	6 680	7 160	7 500	7 780	7 780	7 650	7 380	7 160	6 810	6 540	6 340	7 140	1871
1872	5 950	5 490	5 610	6 230	6 540	6 740	6 770	6 650	6 510	6 340	6 400	5 920	6 260	1872
1873	5 580	5 580	5 950	7 110	7 650	7 700	7 850	7 480	7 280	6 990	6 850	6 970	6 910	1873
1874	7 190	6 510	7 760	7 820	7 790	7 980	7 900	7 730	7 330	7 110	6 820	6 800	7 380	1874
1875	5 490	4 900	5 830	6 550	6 980	7 080	7 110	6 990	6 740	6 650	6 510	6 370	6 450	1875
1876	6 480	6 740	7 190	7 990	8 350	8 500	8 550	8 240	7 820	7 730	7 420	7 330	7 700	1876
1877	5 950	6 650	6 880	7 280	7 420	7 420	7 450	7 220	6 940	6 800	6 630	6 680	6 940	1877
1878	6 480	6 800	7 110	7 390	7 650	7 650	7 530	7 580	7 480	7 280	7 190	7 700	7 300	1878
1879	6 970	7 280	7 190	7 480	7 590	7 560	7 480	7 190	7 050	6 710	6 430	6 430	7 110	1879
1880	6 570	6 680	6 880	7 180	7 250	7 390	7 360	7 050	6 910	6 850	6 740	6 430	6 920	1880
1881	5 180	5 520	6 460	6 880	6 990	7 140	7 190	6 990	6 710	6 480	6 540	6 530	6 580	1881
1882	6 880	6 910	7 390	7 560	7 620	7 980	7 850	7 780	7 390	7 020	6 820	6 880	7 350	1882
1883	5 780	5 890	6 340	7 140	7 450	7 900	8 180	8 070	7 700	7 480	7 390	7 390	7 230	1883
1884	6 570	6 910	7 380	8 180	8 380	8 180	8 240	8 010	7 650	7 310	7 140	7 050	7 580	1884
1885	6 800	6 480	6 170	6 570	7 530	7 820	7 870	7 670	7 650	7 420	7 500	7 570	7 270	1885
1886	7 580	7 850	7 700	8 240	8 550	8 410	8 130	7 930	7 730	7 450	7 450	7 250	7 840	1886
1887	6 940	7 140	7 480	7 890	8 270	8 270	8 100	7 700	7 390	7 220	6 880	6 710	7 350	1887
1888	6 340	6 800	6 170	7 020	7 160	7 250	7 220	7 190	6 970	6 710	6 680	6 680	6 770	1888
1889	6 740	6 230	6 540	7 140	7 220	7 500	7 820	7 480	7 110	6 680	6 570	6 820	6 980	1889
1890	7 080	7 190	7 480	7 380	7 930	8 180	8 270	7 840	7 650	7 420	7 450	7 250	7 590	1890
1891	6 800	7 020	7 420	7 870	7 820	7 530	7 450	7 180	6 850	6 480	6 230	6 140	7 080	1891
1892	6 000	5 660	5 890	6 480	6 570	6 910	7 310	7 180	7 110	6 770	6 570	6 510	6 560	1892
1893	6 000	5 470	5 950	6 970	7 700	7 900	7 780	7 330	7 250	6 990	6 850	6 540	6 880	1893
1894	6 480	6 480	6 850	7 050	7 220	7 530	7 390	6 910	6 740	6 600	6 480	6 170	6 780	1894
1895	6 880	6 380	6 520	6 310	6 480	6 400	6 200	6 080	5 880	5 860	5 470	5 490	5 890	1895
1896	6 580	6 810	6 550	6 540	6 740	6 680	6 600	6 400	6 060	5 880	5 880	5 720	6 100	1896
1897	6 580	6 410	6 750	6 430	6 710	6 880	6 800	6 600	6 370	6 030	5 920	6 030	6 230	1897
1898	5 970	6 080	6 460	6 850	6 990	7 020	6 880	6 550	6 400	6 200	6 230	6 260	6 500	1898
1899	6 080	6 950	6 280	6 740	6 940	7 060	6 910	6 600	6 290	6 030	5 950	6 000	6 400	1899
1900	6 890	6 920	6 080	6 770	6 940	6 970	6 910	6 710	6 510	6 260	6 120	6 290	6 450	1900
1901	6 060	5 820	5 630	6 510	7 020	6 850	6 650	6 480	6 310	5 970	6 090	6 400	1901	
1902	5 950	5 350	6 290	6 740	6 800	6 880	7 020	7 080	6 880	6 850	6 510	6 340	6 550	1902
1903	6 230	6 230	6 800	7 310	7 380	7 310	7 380	7 220	7 080	6 770	6 430	6 230	6 850	1903
1904	6 750	6 830	6 230	7 250	7 850	7 840	7 870	7 730	7 480	7 220	6 880	6 280	7 000	1904
1905	6 920	6 170	6 000	6 740	6 850	7 050	7 330	7 280	7 180	6 990	6 820	6 650	6 750	1905
1906	6 850	6 830	6 570	6 820	6 910	6 970	7 080	6 880	6 630	6 540	6 480	6 430	6 730	1906
1907	6 310	6 510	6 650	7 220	7 390	7 420	7 450	7 310	7 050	6 990	6 940	6 910	7 020	1907
1908	6 570	6 540	7 020	7 870	8 270	8 330	8 180	7 900	7 420	6 990	6 740	6 430	7 360	1908
1909	6 080	5 890	6 340	6 820	7 390	7 530	7 480	7 250	6 910	6 680	6 370	6 280	6 760	1909
1910	5 920	5 660	6 480	6 710	7 020	7 050	6 970	6 820	6 540	6 400	6 230	6 060	6 480	1910
1911	5 780	5 660	5 830	6 340	6 570	6 570	6 540	6 310	6 080	5 970	6 000	6 000	6 140	1911
1912	5 720	5 410	5 810	6 680	7 220	7 580	7 330	7 140	6 990	6 880	6 820	6 880	6 890	1912
1913	6 890	6 860	7 050	7 730	7 930	7 930	7 750	7 500	7 140	6 910	6 850	6 740	7 280	1913
1914	6 400	6 090	6 170	7 180	7 280	7 280	7 140	6 940	6 820	6 480	6 400	6 090	6 890	1914
1915	6 030	5 750	6 290	6 280	6 260	6 230	6 260	6 430	6 480	6 340	6 200	6 000	6 220	1915
1916	6 170	6 120	6 080	6 940	7 420	7 790	7 840	7 530	7 140	6 770	6 510	6 310	6 880	1916
1917	6 080	6 340	6 280	6 850	6 940	7 280	7 580	7 530	7 280	7 150	7 100	6 950	6 950	1917
1918	6 520	6 320	6 830	7 300	7 380	7 350	7 270	7 010	6 870	6 700	6 780	6 640	6 910	1918
1919	6 780	6 660	6 740	7 110	7 560	7 860	7 770	7 520	7 220	6 930	6 790	6 500	7 130	1919
1920	6 000	5 780	5 910	6 480	6 490	6 480	6 580	6 500	6 400	6 320	6 210	6 400	6 300	1920
1921	6 440	6 260	6 650	6 930	7 110	7 080	6 940	6 690	6 400	6 210	5 950	6 080	6 560	1921
1922	5 900	5 610	6 040	6 800	7 020	7 130	7 270	7 010	6 710	6 480	6 200	5 880	6 510	1922
1923	5 670	5 650	5 550	6 250	6 480	6 670	6 550	6 380	6 130	5 900	5 760	5 850	6 080	1923
1924	5 940	5 730	5 880	6 350	6 790	6 880	6 850	6 750	6 500	6 390	6 180	5 880	6 350	1924
1925	6 170	6 330	6 080	6 420	6 500	6 410	6 280	6 110	5 900	5 770	5 840	5 940	5 980	1925
1926	6 520	6 090	5 280	6 050	6 360	6 350	6 280	6 150	6 060	6 170	6 420	6 430	6 020	1926
1927	6 980	6 670	6 270	6 590	6 720	6 850	6 775	6 610	6 340	6 140	6 110	6 500	6 400	1927
1928	6 880	6 640	6 580	7 000	7 060	7 070	7 180	7 110	6 850	6 610	6 530	6 550	6 820	1928
1929	6 540	6 500	6 750	7 420	8 090	8 130	8 080	7 890	7 560	7 230	7 150	6 740	7 340	1929
1930	7 050	7 130	7 630	7 870	7 910	7 950	7 890	7 530	7 210	6 850	6 540	6 290	7 320	1930
1931	6 050	6 800	6 820	6 120	6 210	6 340	6 280	6 020	5 860	5 700	5 590	5 510	5 940	1931
1932	5 770	6 130	6 210	6 600	6 790	6 720	6 640	6 470	6 130	5 900	5 780	5 780	6 240	1932
1933	5 780	5 690	5 580	6 000	6 280	6 340	6 140	5 900	5 720	5 460	5 220	5 080	5 760	1933
1934	4 780	4 890	5 190	5 750	5 840	5 720	5 530	5 280	5 090	4 960	4 800	4 820	5 220	1934
1935	4 690	4 770	5 020	5 300	5 480	5 640	5 720	5 580	5 330	5 170	4 990	4 850	5 220	1935
1936	4 780	4 360	5 080	6 180	6 310	6 160	5 980	5 650	5 520	5 480	5 460	5 280	5 520	1936
1937	5 600	5 850	5 930	6 140	6 590	6 700	6 710	6 550	6 300	6 060	6 070	5 850	6 210	1937
1938	5 550	5 700	5 880	6 000	6 650	6 810	6 490	6 500	6 240	6 090	5 990	5 840	6 180	1938
1939	5 590	5 180	5 580	6 520	6 780	6 720	6 630	6 510	6 180	6 010	5 730	6 600	6 090	1939
1940	6 340	6 210	6 230	6 840	6 400	6 640	6 620	6 450	6 250	6 020	5 980	5 970	6 000	1940
1941	6 080	5 720	6 740	6 480	6 410	6 250	6 130	5 980	5 800	5 640	5 600	5 500	5 940	1941
1942	6 480	6 320	6 780	6 380	6 570	6 720	6 870	6 580	6 410	6 280	6 270	6 270	6 230	1942
1943	6 530	6 230	6 380	7 270	7 770	8 270	8 140	7 990	7 680	7 260	7 260	7 080	7 280	1943
1944	6 850	6 430	6 480	6 840	7 250	7 350	7 380	7 140	6 880	6 620	6 280	6 300	6 800	1944
1945	6 510	6 870	6 570	7 280	7 560	7 730	7 680	7 570	7 330	7 590	7 440	7 500	7 140	1945
1946	7 380	6 770	7 230	7 440	7 300	7 380	7 240	7 080	6 830	6 660	6 700	6 570	7 050	1946
1947	6 430	6 560	6 590	7 270	7 680	8 340	8 380	8 200	7 900	7 490	7 220	7 070	7 430	1947
1948	6 340	6 220	6 800	7 780	7 970	8 040	7 860	7 620	7 220	6 920	6 830	6 640	7 190	1948
1949	6 890	6 720	6 890	7 200	7 220	7 080	6 810	6 500	6 330	6 110	5 880	5 900	6 610	1949
1950	6 220	6 360	6 850	7 330	7 430	7 440	7 290	7 080	6 810	6 660	6 830	6 800	6 880	1950
1951	6 880	6 830	7 420	8 050	8 340	8 270	8 280	7 870	7 630	7 280	7 130	7 170	7 570	1951
1952	7 290	7 510	7 800	8 320	8 560	8 630	8 400	8 080	7 780	7 490	7 110	7 190	7 840	1952
1953	7 180	7 260	7 240	7 880	7 910	8 010	7 800	7 540	7 340	6 920	6 720	6 770	7 370	1953
1954	6 480	6 570	7 200	7 580	7 880	7 910	7 660	7 380	7 180	7 170	7 190	7 280	7 300	1954

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ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1880	---	---	---	142 000 0000	1880
1881	---	---	---	250 000 0000	1881
1882	---	---	---	249 000 0000	1882
1883	---	---	---	243 000 0000	1883
1884	---	---	---	240 000 0000	1884
1885	---	---	---	233 000 0000	1885
1886	---	---	---	224 000 0000	1886
1887	---	---	---	239 000 0000	1887
1888	---	---	---	215 000 0000	1888
1889	---	---	---	229 000 0000	1889
1870	---	---	---	248 000 0000	1870
1871	---	---	---	225 000 0000	1871
1872	---	---	---	198 000 0000	1872
1873	---	---	---	218 000 0000	1873
1874	---	---	---	233 000 0000	1874
1875	---	---	---	204 000 0000	1875
1876	---	---	---	244 000 0000	1876
1877	---	---	---	219 000 0000	1877
1878	---	---	---	230 000 0000	1878
1879	---	---	---	224 000 0000	1879
1880	---	---	---	219 000 0000	1880
1881	---	---	---	207 000 0000	1881
1882	---	---	---	232 000 0000	1882
1883	---	---	---	228 000 0000	1883
1884	---	---	---	240 000 0000	1884
1885	---	---	---	229 000 0000	1885
1886	---	---	---	247 000 0000	1886
1887	---	---	---	237 000 0000	1887
1888	---	---	---	214 000 0000	1888
1889	---	---	---	220 000 0000	1889
1890	---	---	---	240 000 0000	1890
1891	---	---	---	223 000 0000	1891
1892	---	---	---	207 000 0000	1892
1893	---	---	---	217 000 0000	1893
1894	---	---	---	214 000 0000	1894
1895	---	---	---	186 000 0000	1895
1896	---	---	---	193 000 0000	1896
1897	---	---	---	197 000 0000	1897
1898	---	---	---	205 000 0000	1898
1899	---	---	---	202 000 0000	1899
1900	---	---	---	204 000 0000	1900
1901	---	---	---	202 000 0000	1901
1902	---	---	---	205 000 0000	1902
1903	---	---	---	216 000 0000	1903
1904	---	---	---	221 000 0000	1904
1905	---	---	---	213 000 0000	1905
1906	---	---	---	212 000 0000	1906
1907	---	---	---	221 000 0000	1907
1908	---	---	---	233 000 0000	1908
1909	---	---	---	213 000 0000	1909
1910	---	---	---	205 000 0000	1910
1911	---	---	---	194 000 0000	1911
1912	---	---	---	212 000 0000	1912
1913	---	---	---	230 000 0000	1913
1914	---	---	---	211 000 0000	1914
1915	---	---	---	196 000 0000	1915
1916	---	---	---	218 000 0000	1916
1917	---	---	---	219 000 0000	1917
1918	---	7 820 ON APR 22	5 800 ON FEB 5	216 000 0000	1918
1919	---	7 960 ON MAY 25	6 260 ON NOV 26	226 000 0000	1919
1920	---	6 850 ON DEC 23	5 270 ON FEB 1	198 000 0000	1920
1921	---	7 250 ON MAY 15	5 550 ON NOV 3	207 000 0000	1921
1922	---	7 390 ON JUL 8	4 730 ON DEC 28	206 000 0000	1922
1923	---	6 910 ON JUN 27	4 980 ON JAN 7	191 000 0000	1923
1924	---	7 190 ON MAY 19	5 350 ON FEB 5	201 000 0000	1924
1925	---	6 710 ON MAY 2	4 730 ON JAN 12	189 000 0000	1925
1926	---	6 650 ON DEC 14	4 700 ON FEB 2	190 000 0000	1926
1927	---	7 140 ON DEC 8	5 010 ON FEB 20	202 000 0000	1927
1928	---	7 450 ON JAN 20	5 030 ON MAR 9	215 000 0000	1928
1929	---	8 380 ON MAY 18	5 830 ON JAN 15	232 000 0000	1929
1930	---	8 130 ON APR 22	6 090 ON DEC 27	231 000 0000	1930
1931	---	6 480 ON JUN 8	5 210 ON DEC 20	187 000 0000	1931
1932	---	6 970 ON MAY 17	5 100 ON JAN 1	197 000 0000	1932
1933	---	6 510 ON JUN 12	4 280 ON DEC 29	181 000 0000	1933
1934	---	6 080 ON APR 28	4 110 ON JAN 30	185 000 0000	1934
1935	---	5 830 ON JUN 23	4 300 ON JAN 13	185 000 0000	1935
1936	---	6 460 ON APR 17	3 940 ON FEB 7 *	175 000 0000	1936
1937	---	6 990 ON JUL 27	5 100 ON JAN 2	188 000 0000	1937
1938	---	7 080 ON SEP 22	5 040 ON MAR 4	195 000 0000	1938
1939	---	6 970 ON MAY 30	4 700 ON FEB 19	182 000 0000	1939
1940	---	6 800 ON JUN 29	4 700 ON JAN 18	190 000 0000	1940
1941	---	6 680 ON APR 21	4 950 ON FEB 10	187 000 0000	1941
1942	---	6 970 ON DEC 2	4 950 ON JAN 26	198 000 0000	1942
1943	---	8 410 ON JUN 18	5 100 ON JAN 21	228 000 0000	1943
1944	---	7 500 ON JUN 7	5 520 ON DEC 12	215 000 0000	1944
1945	---	8 040 ON MAY 23	4 530 ON JAN 18	225 000 0000	1945
1946	---	7 870 ON JAN 13	5 780 ON DEC 28	233 000 0000	1946
1947	---	8 580 ON JUN 18	6 090 ON JAN 23	236 000 0000	1947
1948	---	8 180 ON MAY 6	5 010 ON JAN 30	227 000 0000	1948
1949	---	7 380 ON APR 21	5 490 ON NOV 12	208 000 0000	1949
1950	---	7 840 ON MAY 5	5 780 ON JAN 24	217 000 0000	1950
1951	---	8 470 ON MAY 14	5 690 ON FEB 2	238 000 0000	1951
1952	---	8 920 ON MAY 13	6 710 ON NOV 22	248 000 0000	1952
1953	---	8 210 ON JUN 8	5 250 ON NOV 7	233 000 0000	1953
1954	---	8 180 ON MAY 17	6 120 ON JAN 27	230 000 0000	1954

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ST. LAWRENCE RIVER AT IROQUOIS - STATION NO. 02MB005 (CONTINUED)

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	7 380	6 970	7 550	8 180	8 330	8 140	7 800	7 510	7 260	7 200	7 300	7 050	7 550	1955
1956	6 750	6 840	6 740	7 270	7 820	7 980	7 760	7 510	7 350	7 000	6 790	6 880	7 190	1956
1957	6 520	6 480	6 640	6 840	6 940	7 000	7 020	6 840	6 630	6 350	6 170	6 070	6 630	1957
1958	6 200	5 990	6 040	6 510	6 490	6 500	6 690	6 270	6 070	6 100R	5 860R	5 920R	6 220R	1958
MEAN	6 280	6 180	6 480	7 050	7 300	7 390	7 350	7 140	6 900	6 890R	6 580R	6 500R	6 820	MEAN

LOCATION - LAT 44 50 26 N DRAINAGE AREA, 772 000 km²
LONG 75 18 35 W REGULATED

R - REVISED SINCE JAN 1980

REMARKS - ONLY MONTHLY MEANS AVAILABLE PRIOR TO OCT 1917

ST. LAWRENCE RIVER AT IROQUOIS - STATION NO. 02MB005 (CONTINUED)

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1955	---	8 470 ON MAY 5	6 770 ON OCT 5	238 000 0000	1955
1956	---	8 160 ON JUN 1	6 260 ON DEC 22	228 000 0000	1956
1957	---	7 580 ON JUN 29	5 920 ON DEC 4	209 000 0000	1957
1958	---	9 170 ON JUL 2 *	5 410R ON NOV 1	196 000 000R	1958
				12 300 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

ST. MARYS RIVER AT SAULT STE. MARIE - STATION NO. 02CA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1860	1 870	1 870	2 010	2 070	2 320	2 440	2 490	2 480	2 440	2 480	2 350	2 210	2 250	1860
1861	1 900	1 870	1 870	1 870	2 380	2 520	2 630	2 550	2 580	2 520	2 440	2 240	2 280	1861
1862	2 070	1 840	1 780	1 780	2 100	2 150	2 180	2 290	2 320	2 320	2 210	2 100	2 100	1862
1863	1 870	1 780	1 700	1 840	1 780	1 810	1 900	2 010	2 100	2 100	2 150	1 950	1 900	1863
1864	1 730	1 670	1 590	1 580	1 840	1 870	1 930	1 980	2 010	1 930	1 780	1 810	1 810	1864
1865	1 590	1 420	1 420	1 610	2 010	2 180	2 320	2 320	2 290	2 270	2 010	1 900	1 950	1865
1866	1 530	1 350	1 440	1 670	1 900	2 040	2 120	2 180	2 180	2 210	2 150	1 870	1 890	1866
1867	1 610	1 730	1 780	1 810	2 100	2 040	2 270	2 350	2 320	2 180	2 070	1 930	2 020	1867
1868	1 730	1 440	1 700	1 900	1 900	1 980	2 120	2 150	2 180	2 040	2 100	2 100	1 950	1868
1869	1 730	1 610	1 420	1 670	1 980	2 010	2 290	2 550	2 800	2 780	2 550	2 070	2 120	1869
1870	1 840	1 730	1 730	1 780	1 980	2 410	2 490	2 490	2 580	2 480	2 440	2 280	2 190	1870
1871	2 070	1 980	1 840	1 900	2 240	2 480	2 580	2 520	2 550	2 440	2 290	2 070	2 250	1871
1872	1 950	1 900	1 780	1 780	2 240	2 350	2 580	2 780	2 800	2 720	2 630	2 350	2 320	1872
1873	2 120	2 040	2 070	2 070	2 380	2 460	2 720	2 890	2 920	2 830	2 580	2 580	2 480	1873
1874	2 240	2 150	2 100	2 010	2 270	2 490	2 750	2 780	2 750	2 830	2 690	2 630	2 480	1874
1875	2 380	2 240	2 210	2 350	2 520	2 720	2 780	2 780	2 940	2 860	2 690	2 350	2 570	1875
1876	2 320	2 280	2 150	2 180	2 610	2 870	3 260	3 280	3 310	3 110	2 920	2 630	2 750	1876
1877	2 440	2 460	2 410	2 320	2 320	2 460	2 660	2 720	2 580	2 610	2 460	2 380	2 490	1877
1878	2 240	2 100	2 040	2 040	2 180	2 320	2 410	2 380	2 210	2 270	2 210	2 100	2 210	1878
1879	1 900	1 670	1 580	1 810	1 810	1 870	2 040	2 070	2 010	2 040	1 930	1 730	1 850	1879
1880	1 610	1 610	1 580	1 580	1 850	2 380	2 520	2 440	2 550	2 410	2 440	2 270	2 110	1880
1881	2 100	2 040	2 040	1 980	2 210	2 350	2 460	2 440	2 520	2 800	2 750	2 550	2 360	1881
1882	2 240	2 120	2 070	2 070	2 270	2 320	2 520	2 580	2 550	2 490	2 460	2 290	2 330	1882
1883	2 070	2 010	2 010	2 040	2 040	2 240	2 350	2 610	2 410	2 320	2 240	2 100	2 200	1883
1884	2 040	1 950	1 900	1 810	2 010	2 070	2 180	2 210	2 240	2 290	2 320	2 210	2 100	1884
1885	2 120	2 040	1 980	1 870	2 210	2 380	2 490	2 610	2 460	2 380	2 320	2 180	2 260	1885
1886	1 980	1 900	1 900	1 900	2 100	2 210	2 290	2 380	2 290	2 320	2 210	2 070	2 130	1886
1887	1 950	1 870	1 870	1 780	1 980	2 180	2 380	2 320	2 240	2 320	2 180	1 980	2 080	1887
1888	1 870	1 700	1 700	1 670	1 980	2 410	2 460	2 460	2 440	2 410	2 290	2 120	2 130	1888
1889	1 980	1 840	1 840	1 840	2 120	2 210	2 350	2 380	2 350	2 270	2 120	1 930	2 100	1889
1890	1 950	1 670	1 670	1 640	1 840	2 150	2 350	2 280	2 240	2 210	2 120	1 980	2 010	1890
1891	1 640	1 700	1 610	1 730	1 900	1 870	1 930	1 930	1 900	1 930	1 870	1 780	1 820	1891
1892	1 730	1 560	1 470	1 530	1 760	1 900	1 950	1 950	1 900	1 760	1 610	1 610	1 780	1892
1893	1 560	1 470	1 470	1 590	1 780	2 010	2 100	2 150	2 100	2 070	2 040	1 810	1 850	1893
1894	1 780	1 700	1 670	1 810	2 210	2 320	2 380	2 380	2 320	2 350	2 290	2 180	2 120	1894
1895	2 070	2 010	1 930	1 930	2 040	2 210	2 320	2 320	2 410	2 460	2 240	2 180	2 180	1895
1896	1 980	1 980	1 870	1 930	2 210	2 410	2 460	2 460	2 440	2 270	2 290	2 180	2 210	1896
1897	2 100	1 950	1 950	1 980	2 180	2 350	2 490	2 520	2 480	2 380	2 350	2 120	2 240	1897
1898	1 900	1 780	1 730	1 780	1 950	2 150	2 270	2 320	2 320	2 290	2 240	2 210	2 060	1898
1899	1 950	1 900	1 900	1 840	2 250	2 460	2 580	2 630	2 750	2 610	2 520	2 440	2 330	1899
1900	2 240	2 180	2 070	2 070	2 180	2 210	2 320	2 440	2 610	2 660	2 860	2 380	2 340	1900
1901	2 270	2 120	1 950	1 980	2 150	2 240	2 440	2 440	2 280	2 290	2 210	2 040	2 200	1901
1902	1 870	1 760	1 610	1 730	1 840	1 950	2 100	2 120	2 180	2 100	2 120	1 950	1 950	1902
1903	1 810	1 730	1 700	1 780	1 980	2 180	2 240	2 280	2 270	2 290	2 270	2 070	2 050	1903
1904	2 040	1 930	1 930	1 980	2 150	2 320	2 380	2 440	2 460	2 550	2 460	2 290	2 250	1904
1905	2 210	2 010	1 900	2 100	2 240	2 320	2 480	2 480	2 520	2 630	2 490	2 380	2 310	1905
1906	2 320	2 150	2 100	2 150	2 290	2 440	2 490	2 520	2 490	2 440	2 380	2 240	2 340	1906
1907	2 100	2 010	1 900	1 980	2 040	2 210	2 350	2 490	2 580	2 460	2 410	2 320	2 240	1907
1908	2 120	1 980	1 840	1 760	1 900	2 210	2 440	2 490	2 410	2 320	2 240	2 100	2 150	1908
1909	1 900	1 730	1 530	1 500	1 590	1 780	1 950	2 150	2 150	2 150	1 950	2 100	1 870	1909
1910	1 900	1 780	1 610	1 560	1 610	1 810	1 870	1 980	1 950	1 930	1 870	1 840	1 780	1910
1911	1 560	1 420	1 330	1 350	1 470	1 580	1 640	1 780	1 760	1 760	1 700	1 640	1 590	1911
1912	1 610	1 530	1 500	1 530	1 700	1 810	1 810	1 950	1 980	2 010	1 950	1 840	1 770	1912
1913	1 760	1 700	1 640	1 730	1 930	1 980	2 070	2 120	2 150	2 240	2 210	2 120	1 970	1913
1914	1 980	1 950	1 840	1 810	1 980	2 070	2 120	2 150	2 270	2 460	2 410	1 950	2 080	1914
1915	1 900	1 900	1 870	1 810	1 980	2 010	2 120	2 150	2 120	2 120	2 150	2 070	2 020	1915
1916	2 010	1 980	1 950	2 100	2 350	2 780	2 780	2 940	2 940	3 370	3 230	3 060	2 650	1916
1917	2 520	2 440	2 380	2 490	2 550	2 580	2 520	2 780	2 270	2 350	2 410	2 320	2 390	1917
1918	1 870	1 810	1 840	1 810	1 870	2 040	1 780	1 870	2 100	2 150	1 940	1 840	1 890	1918
1919	1 840	1 590	1 590	1 590	1 840	1 590	1 610	1 560	1 670	1 640	1 870	1 870	1 820	1919
1920	1 700	1 670	1 640	1 640	2 320	2 410	2 520	2 800	2 440	1 930	1 730	1 640	2 040	1920
1921	1 590	1 610	1 530	1 590	1 440	1 390	1 640	1 730	1 730	1 700	1 440	1 380	1 580	1921
1922	1 250	1 270	1 300	1 300	1 330	1 220	1 270	1 330	1 300	1 390	1 440	1 440	1 320	1922
1923	1 420	1 440	1 530	1 500	1 700	1 590	1 560	1 560	1 530	1 500	1 470	1 500	1 530	1923
1924	1 530	1 500	1 530	1 590	1 590	1 500	1 390	1 500	1 470	1 470	1 530	1 500	1 510	1924
1925	1 560	1 530	1 560	1 670	1 700	1 560	1 500	1 670	2 100	2 180	2 100	1 930	1 750	1925
1926	1 670	1 610	1 590	1 640	1 700	1 610	1 590	1 270	1 190	1 250	1 390	1 670	1 610	1926
1927	2 040	2 040	2 010	2 100	2 150	2 210	2 150	2 290	2 240	2 180	2 320	2 120	2 150	1927
1928	2 120	2 120	2 070	2 180	2 240	2 100	1 950	2 350	2 880	3 140	3 310	2 920	2 450	1928
1929	1 950	1 560	1 730	2 880	2 780	2 150	2 580	2 150	2 100	1 700	1 640	1 590	2 070	1929
1930	1 560	1 560	1 640	1 610	1 640	1 730	2 180	2 610	2 290	1 670	1 580	1 470	1 800	1930
1931	1 390	1 440	1 390	1 440	1 250	1 300	1 390	1 330	1 560	1 590	1 610	1 500	1 430	1931
1932	1 500	1 640	1 640	1 610	1 610	1 580	1 700	1 730	2 240	2 040	1 950	1 580	1 730	1932
1933	1 390	1 330	1 420	1 360	1 500	1 580	1 950	1 840	1 730	1 840	2 120	1 530	1 640	1933
1934	1 640	1 700	1 730	1 870	1 840	2 070	2 660	2 860	2 810	2 210	2 410	2 780	2 170	1934
1935	1 980	1 780	2 150	2 720	2 800	2 520	2 660	2 690	2 800	3 110	2 940	1 930	2 510	1935
1936	1 840	1 840	1 840	1 840	2 350	2 480	2 410	2 440	2 380	2 180	2 180	1 870	2 140	1936
1937	1 810	1 810	1 810	1 840	1 760	2 150	2 040	2 040	2 070	2 070	2 040	1 810	1 840	1937
1938	1 780	1 780	1 780	1 700	1 700	2 280	3 310	3 510	3 480	3 340	2 750	1 730	2 580	1938
1939	1 780	1 780	1 780	2 100	2 860	2 940	3 570	3 570	3 510	3 170	2 150	1 870	2 670	1939
1940	1 810	1 840	1 530	1 500	1 590	1 610	1 730	1 780	1 730	1 730	1 730	1 700	1 690	1940
1941	1 780	1 780	1 730	1 700	1 700	1 700	1 610	1 700	1 730	2 180	3 060	2 380	1 920	1941
1942	2 350	1 900	1 670	2 520	1 900	2 290	2 610	2 240	2 240	1 950	1 590	1 670	2 040	1942
1943	1 700	1 810	2 120	2 290	2 550	3 110	3 480	3 600	3 540	3 230	2 800	2 120	2 700	1943
1944	1 830	1 840	1 840	1 670	1 730	1 730	2 270	2 830	3 090	3 280	2 890	2 350	2 250	1944
1945	2 120	2 100	2 100	2 440	3 080	3 000	2 150	2 100	2 070	2 290	2 660	2 120	2 350	1945
1946	2 100	2 100	2 070	1 830	2 180	2 180	2 180	2 120	2 180	2 240	2 180	2 180	2 130	1946
1947	2 120	2 120	2 070	2 070	2 150	2 210	3 310	3 260	2 890	3 230	2 580	2 210	2 520	1947
1948	2 150	2 120	2 100	2 120	2 100	1 950	2 840	1 780	1 840	1 870	1 670	1 610	1 900	1948
1949	1 810	1 810	1 810	1 670	1 780	1 780	1 730	1 870	2 040	2 040	2 040	1 800	1 810	1949
1950	1 780	1 870	1 870	1 870	1 950	2 970	3 510	3 600	3 570	3 510	3 430	3 200	2 770	1950
1951	2 320	2 270	2 270	2 940	3 450	3 480	3 510	3 480	3 510	3 510	3 430	2 820	3 080	1951
1952	2 380	2 320	2 280	2 320	3 030	2 240	1 900	3 310	3 310	3 230	3 030	2 120	2 620	1952
1953	2 100	2 040	2 040	2 210	2 630	2 780	3 030	3 400	3 370	3 230	2 660	2 270	2 680	1953
1954	2 100	2 040	2 040	2 010	2 150	2 180	2 830	3 260	3 200	2 720	2 150	1 840	2 380	1954

CONTINUED

ST. MARYS RIVER AT SAULT STE. MARIE - STATION NO. 02CA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1880	---	---	---		
1881	---	---	---	71 200 000	1880
1882	---	---	---	72 000 000	1881
1883	---	---	---	66 100 000	1882
1884	---	---	---	60 000 000	1883
				57 200 000	1884
1885	---	---	---		
1886	---	---	---	61 400 000	1885
1887	---	---	---	59 600 000	1886
1888	---	---	---	63 600 000	1887
1889	---	---	---	61 500 000	1888
				67 000 000	1889
1870	---	---	---		
1871	---	---	---	69 100 000	1870
1872	---	---	---	70 900 000	1871
1873	---	---	---	73 400 000	1872
1874	---	---	---	78 300 000	1873
				78 100 000	1874
1875	---	---	---		
1876	---	---	---	81 000 000	1875
1877	---	---	---	87 100 000	1876
1878	---	---	---	78 400 000	1877
1879	---	---	---	69 700 000	1878
				58 500 000	1879
1880	---	---	---		
1881	---	---	---	65 700 000	1880
1882	---	---	---	74 300 000	1881
1883	---	---	---	73 600 000	1882
1884	---	---	---	69 500 000	1883
				66 500 000	1884
1885	---	---	---		
1886	---	---	---	71 100 000	1885
1887	---	---	---	67 200 000	1886
1888	---	---	---	65 900 000	1887
1889	---	---	---	67 300 000	1888
				66 400 000	1889
1890	---	---	---		
1891	---	---	---	63 400 000	1890
1892	---	---	---	57 300 000	1891
1893	---	---	---	55 500 000	1892
1894	---	---	---	58 300 000	1893
				66 700 000	1894
1895	---	---	---		
1896	---	---	---	68 700 000	1895
1897	---	---	---	69 800 000	1896
1898	---	---	---	70 600 000	1897
1899	---	---	---	65 600 000	1898
				73 300 000	1899
1900	---	---	---		
1901	---	---	---	73 700 000	1900
1902	---	---	---	69 500 000	1901
1903	---	---	---	61 300 000	1902
1904	---	---	---	64 700 000	1903
				71 000 000	1904
1905	---	---	---		
1906	---	---	---	72 900 000	1905
1907	---	---	---	73 600 000	1906
1908	---	---	---	70 600 000	1907
1909	---	---	---	68 100 000	1908
				59 100 000	1909
1910	---	---	---		
1911	---	---	---	58 500 000	1910
1912	---	---	---	50 000 000	1911
1913	---	---	---	55 900 000	1912
1914	---	---	---	62 200 000	1913
				65 700 000	1914
1915	---	---	---		
1916	---	---	---	83 600 000	1915
1917	---	---	---	83 900 000	1916
1918	---	---	---	75 300 000	1917
1919	---	---	---	59 800 000	1918
				51 100 000	1919
1920	---	---	---		
1921	---	---	---	84 400 000	1920
1922	---	---	---	49 300 000	1921
1923	---	---	---	41 600 000	1922
1924	---	---	---	48 100 000	1923
				47 700 000	1924
1925	---	---	---		
1926	---	---	---	55 400 000	1925
1927	---	---	---	47 800 000	1926
1928	---	---	---	67 900 000	1927
1929	---	---	---	77 400 000	1928
				65 200 000	1929
1930	---	---	---		
1931	---	---	---	58 700 000	1930
1932	---	---	---	45 100 000	1931
1933	---	---	---	54 700 000	1932
1934	---	---	---	51 600 000	1933
				68 400 000	1934
1935	---	---	---		
1936	---	---	---	79 100 000	1935
1937	---	---	---	67 600 000	1936
1938	---	---	---	61 100 000	1937
1939	---	---	---	61 300 000	1938
				61 000 000	1939
1940	---	---	---		
1941	---	---	---	53 400 000	1940
1942	---	---	---	60 600 000	1941
1943	---	---	---	65 600 000	1942
1944	---	---	---	65 200 000	1943
				71 300 000	1944
1945	---	---	---		
1946	---	---	---	74 100 000	1945
1947	---	---	---	67 300 000	1946
1948	---	---	---	79 600 000	1947
1949	---	---	---	69 800 000	1948
				67 000 000	1949
1950	---	---	---		
1951	---	---	---	67 200 000	1950
1952	---	---	---	87 600 000	1951
1953	---	---	---	63 000 000	1952
1954	---	---	---	64 000 000	1953
				75 100 000	1954

CONTINUED

ST. MARYS RIVER AT SAULT STE. MARIE - STATION NO. 02CA001 (CONTINUED)

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1955	1 780	1 780	1 730	1 700	2 040	2 120	1 880	1 870	1 180	1 420	2 380	2 180	1 840	1955
1956	2 100	2 100	2 070	2 150	1 950	1 730	1 780	2 040	2 040	2 070	1 880	1 950	1 990	1956
1957	1 900	1 870	1 810	1 810	1 670	1 530	1 530	1 810	1 900	1 900	1 870	1 840	1 740	1957
1958	2 010	2 010	1 950	1 730	1 780	1 780	1 610	1 590	1 610	1 870	1 950	1 870	1 810	1958
1959	1 870	1 900	1 840	1 980	1 980	1 950	1 900	1 850	2 120	3 170	3 340	2 520	2 210	1959
1960	2 100	2 040	1 950	1 870	1 830	3 140	3 260	2 870	2 920	2 610	2 070	1 930	2 400	1960
1961	1 900	1 900	1 870	1 870	1 930	1 950	1 840	1 610	1 610	1 840	1 840	1 840	1 820	1961
1962	1 810	1 840	1 810	1 780	1 700	1 700	1 780	1 730	1 590	1 810	1 930	1 840	1 780	1962
1963	1 780	1 840	1 700	1 610	1 730	1 730	1 780	1 780	2 040	1 810	1 900	1 590	1 770	1963
1964	1 670	1 900	1 930	1 930	1 980	2 040	2 290	2 630	3 030	3 140	3 280	2 630	2 390	1964
1965	2 440	2 380	2 350	2 320	2 880	2 800	3 200	3 230	3 080	2 890	2 890	2 410	2 720	1965
1966	2 180	2 180	2 180	2 290	2 270	2 240	2 720	2 720	2 940	2 580	2 270	2 120	2 390	1966
1967	2 010	2 040	2 010	2 010	2 410	2 550	2 550	2 610	2 480	2 010	2 040	1 980	2 220	1967
1968	1 950	1 950	1 900	1 950	1 980	1 980	2 830	3 450	3 480	3 510	3 480	2 970	2 620	1968
1969	2 380	2 610	2 690	2 920	3 280	3 280	3 240	3 310	2 970	1 940	1 910	1 930	2 710	1969
1970	1 920	2 340	1 970	1 810	1 820	1 840	1 840	2 720	2 240	1 830	2 450	2 880	2 140	1970
1971	2 620	2 350	2 380	2 700	3 060	3 200	3 230	3 000	3 080	3 200	3 170	2 810	2 900	1971
1972	2 280	2 070	2 120	2 130	3 140	3 280	3 230	3 230	3 280	3 140	3 280	2 440	2 800	1972
1973	2 120	1 610	1 500	1 560	1 580	1 590	2 270	2 750	3 340	2 630	2 380	2 410	2 150	1973
1974	2 180	2 120	2 130	2 130	2 070	2 410	2 140	2 140	2 110	2 070	2 390	2 740	2 220	1974
1975	2 460	2 420	2 440	2 620	2 770	2 510	2 380	2 280	2 090	1 880	1 940	1 980	2 310	1975
1976	1 970	1 940	1 950	2 020	2 380	2 310	2 260	2 040	1 920	1 810	1 610	1 880	1 930	1976
1977	1 740	1 710	1 730	1 750	1 720	1 740	1 520	1 690	1 870	2 770	3 140	2 550	2 000	1977
1978	2 200	2 180	2 150	2 180	2 320	2 400	2 450	2 630	2 780	2 800	2 740	2 110	2 410	1978
1979	1 910	1 900	1 910	1 890	2 320	2 750	3 180	3 230	3 200	2 750	2 800	2 300	2 500	1979
1980	2 110	2 140	2 110	2 140	2 400	2 270	2 190	2 110	2 040	2 320	2 350	1 910	2 170	1980
1981	1 890	1 910	1 890	2 130	2 490	2 720	2 900	2 750	2 300	1 360	1 250	1 310	2 060	1981
1982	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 380	2 400	2 530	2 640	2 600	2 020	1982
1983	2 300	2 320	2 460	2 440	2 930	2 950	2 920	2 980	2 370	1 710	2 390	2 370	2 510	1983
1984	2 300	2 140	2 290	2 300	2 790	2 620	3 020	3 110	2 920	2 110	1 620	1 940	2 450	1984
MEAN	1 940	1 880	1 850	1 910	2 100	2 210	2 320	2 400	2 390	2 340	2 290	2 090	2 140	MEAN

LOCATION - LAT 46 30 34 N DRAINAGE AREA, 210 000 km² DATA CONTRIBUTED BY -
LONG 84 21 42 W REGULATED INTERNATIONAL LAKE SUPERIOR BOARD OF CONTROL

REMARKS - DAILY DISCHARGES NOT AVAILABLE

ST. MARYS RIVER AT SAULT STE. MARIE - STATION NO. 02CA001 (CONTINUED)

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1955	---	---	---	58 000 000	1955
1956	---	---	---	63 000 000	1956
1957	---	---	---	54 700 000	1957
1958	---	---	---	57 000 000	1958
1959	---	---	---	69 700 000	1959
1960	---	---	---	75 800 000	1960
1961	---	---	---	57 300 000	1961
1962	---	---	---	56 000 000	1962
1963	---	---	---	55 800 000	1963
1964	---	---	---	75 600 000	1964
1965	---	---	---	85 800 000	1965
1966	---	---	---	75 600 000	1966
1967	---	---	---	70 100 000	1967
1968	---	---	---	82 800 000	1968
1969	---	---	---	85 300 000	1969
1970	---	---	---	87 400 000	1970
1971	---	---	---	91 500 000	1971
1972	---	---	---	88 600 000	1972
1973	---	---	---	87 700 000	1973
1974	---	---	---	89 900 000	1974
1975	---	---	---	73 000 000	1975
1976	---	---	---	63 000 000	1976
1977	---	---	---	62 900 000	1977
1978	---	---	---	78 000 000	1978
1979	---	---	---	78 800 000	1979
1980	---	---	---	88 800 000	1980
1981	---	---	---	85 500 000	1981
1982	---	---	---	63 700 000	1982
1983	---	---	---	78 300 000	1983
1984	---	3 110 ON AUG 1 *	1 620 ON NOV 1 *	77 800 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		67 700 000	MEAN

STEEL RIVER NEAR TERRACE BAY - STATION NO. 02BA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	3.20	2.75	2.70	6.82	80.5	29.6	17.2	7.93	5.78	26.0	39.6	16.4	18.3	1970
1971	8.30	5.36	4.21	19.6	55.5	34.1	9.66	8.35	3.96	23.8	32.7	15.0	18.3	1971
1972	7.75	4.84	4.08	8.75	55.7	19.7	11.0	12.1	17.6	22.1	12.4	6.38	15.1	1972
1973	4.32	4.07	6.32	25.4	40.8	26.3	16.1	8.46	8.20	14.0	13.6	13.2	15.1	1973
1974	6.54	4.56	3.78	7.63	49.9	37.5	20.7	13.9	13.9	17.5	15.1	9.46	16.6	1974
1975	7.72	5.43	4.29	7.50	53.4	38.5	18.4	5.88	3.57	6.08	22.0	15.3	15.7	1975
1976	6.48	4.34	3.87	40.9	55.4	23.2	17.0	8.94	3.29	2.36	1.89	2.23	14.0	1976
1977	2.37	2.24	4.10	32.2	36.2	11.1	16.5	7.76	32.7	26.4	21.7	10.5	16.9	1977
1978	6.57	3.90	2.71	3.23	28.2	28.7	12.3	5.28	3.70	4.57	3.35	2.76	8.92	1978
1979	2.38	2.21	2.41	14.0	66.1	26.7	10.0	4.22	5.45	11.6	23.6	9.78	14.9	1979
1980	6.01	4.04	2.89	12.7	50.5	13.4	6.08	4.72	15.4	18.7	17.6	7.73	13.4	1980
1981	4.33	3.36	3.76	12.3	22.7	23.2	13.4	4.03	2.06	2.41	3.11	3.03	8.14	1981
1982	2.78	2.35	1.82	4.13	74.7	23.8	18.2	8.62	6.26	27.6	29.6	24.5	18.9	1982
1983	8.76	5.95	5.83	6.78	52.7	26.3	12.1	4.13	2.79	25.9	23.1	12.8	15.6	1983
1984	6.03	7.28	5.66	24.8	48.2	47.9	23.8	11.2	5.37	8.19	16.3	19.5	18.8	1984
MEAN	5.84	4.18	3.88	15.0	50.1	27.3	14.8	7.44	8.67	15.8	18.4	11.2	15.3	MEAN

LOCATION - LAT 48 46 40 N DRAINAGE AREA, 1 180 km²
LONG 88 53 04 W NATURAL FLOW

STEEL RIVER NEAR TERRACE BAY - STATION NO. 02BA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	78.7 AT 19:35 EST ON MAY 2	78.2 ON MAY 2	2.25 ON APR 14	578 000	1970
1971	82.3 AT 19:57 EST ON MAY 28	81.2 ON MAY 28	3.14 ON SEP 27	577 000	1971
1972	70.5 AT 14:10 EST ON MAY 8	70.2 ON MAY 7	3.988 ON MAR 17	477 000	1972
1973	80.0 AT 15:26 EST ON APR 24	69.7 ON APR 24	3.918 ON JAN 25	475 000	1973
1974	96.6 AT 22:17 EST ON MAY 15	96.3 ON MAY 15	3.548 ON APR 2	530 000	1974
1975	---	78.7E ON MAY 12	2.62 ON OCT 5	496 000	1975
1976	---	87.7E ON APR 25	1.708 ON DEC 2	443 000	1976
1977	79.9 AT 16:00 EST ON APR 26	78.7 ON APR 25	2.178 ON MAR 4	534 000	1977
1978	38.6 AT 13:48 EST ON JUN 4	38.4 ON JUN 4	2.42E ON APR 15	281 000	1978
1979	96.6 AT 16:45 EST ON MAY 13	96.0 ON MAY 13	2.068 ON MAR 12	485 000	1979
1980	83.2 AT 17:34 EST ON MAY 4	82.9 ON MAY 5	2.418 ON MAR 23	424 000	1980
1981	30.6 AT 23:52 EST ON JUN 28	28.2 ON JUN 29	1.63 ON OCT 3 *	257 000	1981
1982	109 AT 10:05 EST ON MAY 11 *	109 ON MAY 11 *	1.758 ON MAR 22	595 000	1982
1983	66.8 AT 10:05 EST ON MAY 17	65.7 ON MAY 17	2.26 ON SEP 8	497 000	1983
1984	72.3 AT 13:02 EST ON JUN 13	71.5 ON JUN 13	4.04 ON OCT 10	585 000	1984
				482 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

STOKES RIVER NEAR FERNDALE - STATION NO. 02FA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1976	0.688	1.25	3.83	1.38	0.508	0.041	0.175	0.053	0.117	0.125	0.281	0.469	0.742	1976
1977	0.395	0.438	5.83	2.37	0.293	0.108	0.070	0.013	0.049	0.182	0.507	2.82	1.11	1977
1978	0.774	0.334	1.00	4.24	0.784	0.178	0.037	0.014	0.149	0.672	0.769	1.27	0.851	1978
1979	1.07	0.881	5.23	2.88	0.709	0.215	0.064	0.074	0.065	0.081	0.369	1.64 R	1.12 R	1979
1980	0.833	0.213	2.37	2.36	0.484	0.485	0.336	0.167	0.189	0.358	0.291	1.05	0.785	1980
1981	0.512	5.21	2.09	1.88	0.941	0.310	0.200	0.230	0.489	0.347	0.718	0.834	1.12	1981
1982	1.12	0.291	3.82	4.08	0.320	0.137	0.063	0.078	0.173	0.273	1.03	1.77	1.11	1982
1983	1.43	1.45	1.84	2.21	3.41	0.813	0.134	0.028	0.151	0.885	1.16	1.75	1.26	1983
1984	0.798	2.60	2.60	2.27	0.504	0.340	0.140	0.267	1.72	0.918	2.44	2.85	1.42	1984
MEAN	0.844	1.40	3.21	2.84	0.884	0.283	0.135	0.103	0.341	0.403	0.841	1.58 R	1.06	MEAN

LOCATION - LAT 45 02 10 N DRAINAGE AREA, 80.5 km²
LONG 81 20 10 W NATURAL FLOW

R - REVISED SINCE JAN 1980

STOKES RIVER NEAR FERNDALE - STATION NO. 02FA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1976	18.8 AT 19:30 EST ON MAR 30	14.7 ON MAR 28	0.009 ON JUN 27	33 500	1976
1977	---	22.7 B ON MAR 16 *	0.007 ON JUL 28	34 900	1977
1978	10.7 AT 07:15 EST ON APR 11	9.03 ON APR 11	0.006 ON AUG 21	28 800	1978
1979	13.3 AT 10:23 EST ON APR 14	12.0 ON APR 14	0.002 ON SEP 30 *	36 200R	1979
1980	---	10.7 B ON MAR 31	0.078 ON SEP 21	24 200	1980
1981	---	15.0 B ON FEB 19	0.079 ON AUG 2	35 200	1981
1982	---	15.0 B ON MAR 31	0.037 ON SEP 15	35 000	1982
1983	15.6 AT 00:51 EST ON MAY 8	12.8 ON MAY 8	0.004 ON SEP 14	39 800	1983
1984	16.4 AT 07:00 EST ON SEP 13 *	11.3 ON DEC 29	0.078 ON JUL 31	44 800	1984
				33 300R	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

STOUFFVILLE CREEK BELOW STOUFFVILLE - STATION NO 02HC035

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	0.321	0.342	0.106	0.132	0.112	0.093	0.090	0.142	0.088	---	1974
1975	0.123	0.182	0.278	0.267	0.111	0.087	0.060	0.057	0.071	0.078	0.096	0.114	0.127	1975
1976	0.102	0.193	0.393	0.188	0.182	0.096	0.165	0.115	0.082	0.121	0.106	0.090	0.149	1976
1977	0.076	0.083	0.329	0.169	0.084	0.056	0.105	0.110	0.184	0.226	0.232	0.280	0.162	1977
1978	0.147	0.137	0.229	0.618	0.272	0.089	0.078	0.110	0.139	0.137	0.138	0.129	0.186	1978
1979	0.114	0.082	0.498	0.294	0.158	0.081	0.080	0.079	0.088	0.140	0.198	0.240	0.172	1979
1980	0.159	0.083	0.341	0.407	0.132	0.087	0.128	0.094	0.100	0.135	0.137	0.183	0.184	1980
1981	0.089	0.535	0.139	0.126	0.136	0.093	0.081	0.136	0.141	0.217	0.226	0.117	0.167	1981
1982	0.111	0.108	0.376	0.420	---	---	---	---	---	---	---	---	---	1982
MEAN	0.115	0.173	0.323	0.310	0.173	0.089	0.104	0.102	0.112	0.143	0.159	0.156	0.161	MEAN

LOCATION - LAT 43 57 19 N DRAINAGE AREA, 15.3 km²
LONG 79 13 57 W REGULATED

STOUFFVILLE CREEK BELOW STOUFFVILLE - STATION NO 02HC035

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	1.87 AT 03:21 EST ON FEB 25	1.29 ON APR 19	0.037 ON AUG 15 *	3 980	1975
1976	2.35 AT 15:19 EST ON JUL 28	1.53E ON MAR 21	0.057 ON SEP 6	4 700	1976
1977	---	1.23E ON MAR 13	0.040 ON JUN 23	5 110	1977
1978	2.46 AT 13:53 EST ON MAY 16	2.02 ON APR 7	0.059 ON JUN 30	5 860	1978
1979	1.99 AT 20:47 EST ON OCT 20	1.29 ON DEC 25	0.055 ON AUG 16	5 430	1979
1980	3.26 AT 15:49 EST ON MAR 21	2.41 ON MAR 21	0.041 ON MAY 30	5 200	1980
1981	2.99 AT 14:46 EST ON FEB 20	2.30 ON FEB 20	0.057 ON JUL 23	5 280	1981
1982	3.89 AT 15:19 EST ON MAR 31 *	2.67 ON MAR 31 *	---	---	1982
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 080	MEAN

E - ESTIMATED

STURGEON CREEK NEAR LEAMINGTON - STATION NO 02GH001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	0.045	0.001	0.001	0.003	0.018	0.023	0.078	---	1971
1972	0.084	0.067	0.264	0.232	0.079	0.025	0.061	0.050	0.053	0.104	0.312	0.314	0.137	1972
1973	0.192	0.134	0.566	0.202	0.110	0.290	0.077	0.054	0.029	0.038	0.124	0.172	0.168	1973
1974	0.347	0.242	0.428	0.183	0.178	0.042	0.018	0.020	0.023	0.048	0.088	0.205	0.151	1974
1975	0.333	0.349	0.261	0.108	0.070	0.080	0.018	0.218	0.188	0.063	0.085	0.154	0.158	1975
1976	0.190	1.06	0.501	0.148	0.091	0.057	0.048	0.015	0.037	0.044	0.045	0.029	0.185	1976
1977	0.013	0.071	0.572	0.481	0.101	0.071	0.037	0.045	0.136	0.088	0.131	0.395	0.177	1977
1978	0.080	0.021	0.638	0.388	0.132	0.084	0.043	0.039	0.053	0.068	0.095	0.132	0.149	1978
1979	0.108	0.102	0.381	0.878	0.259	0.077	0.076	0.038	0.036	0.089	0.195	0.328	0.214	1979
1980	0.109	---	---	---	---	---	---	---	---	---	---	---	---	1980
1982	0.211	0.110	1.71	0.284	0.069	0.060	0.064	0.056	0.126	0.059	0.592	0.628	0.334	1982
1983	0.108	0.173	0.118	0.236	0.281	0.163	0.176	0.078	0.058	0.091	0.287	0.407	0.182	1983
1984	0.055	0.272	0.399	0.178	0.259	0.080	0.017	0.049	0.074	0.044	0.110	0.151	0.144	1984
MEAN	0.154	0.238	0.531	0.301	0.152	0.090	0.053	0.055	0.066	0.063	0.172	0.249	0.181	MEAN

LOCATION - LAT 42 02 44 N DRAINAGE AREA, 14.2 km²
LONG 82 34 29 W NATURAL FLOW

REMARKS - GAUGE INOPERATIVE FROM FEB 12 1980 TO DEC 31 1981

STURGEON CREEK NEAR LEAMINGTON - STATION NO 02GH001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	---	---	---	---	1971
1972	3.09A AT 07:30 EST ON MAR 14	1.77A ON MAR 14	0.006A ON JUN 6	4 340	1972
1973	9.12 AT 00:42 EST ON JUN 13	3.63 ON MAR 11	0.015 ON JUL 17	5 240	1973
1974	7.87 AT 01:22 EST ON MAR 5	3.34 ON MAR 5	0.007 ON AUG 7	4 780	1974
1975	---	4.25E ON AUG 30	0.005 ON JUL 11	4 920	1975
1976	---	7.08B ON FEB 11	0.004 ON SEP 6	5 880	1976
1977	---	5.37E ON MAR 5	0.013B ON JAN 20	5 690	1977
1978	---	10.7 ON MAR 21	0.009B ON MAR 6	4 720	1978
1979	15.0 AT 01:15 EST ON APR 14	6.68 ON APR 14	0.019 ON JUL 21	5 750	1979
1980	---	---	---	---	1980
1982	37.4 AT 08:42 EST ON MAR 13 *	18.9 ON MAR 13 *	0.018 ON JUL 25	10 800	1982
1983	14.8 AT 17:35 EST ON JUL 4	2.80 ON DEC 6	0.018 ON JUN 25	5 730	1983
1984	14.0 AT 00:55 EST ON MAY 28	3.05 ON MAR 21	0.002 ON JUL 15 *	4 840	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		5 720	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED

STURGEON RIVER AT CRYSTAL FALLS - STATION NO. 02DC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1921	---	---	---	---	---	---	---	---	---	70.0	55.0	72.4	---	1921
1922	45.0	56.0	87.0	346	258	72.2	76.2	83.3	39.4	52.9	61.4	42.4	100	1922
1923	43.7	40.3	32.6	107	215	115	74.3	88.8	77.5	59.0	51.3	50.7	78.0	1923
1924	58.4	63.4	58.3	123	184	74.2	64.7	45.3	41.6	44.2	56.1	55.5	70.6	1924
1925	44.8	53.2	76.3	178	100	87.0	76.2	60.6	58.3	45.6	47.3	48.0	73.4	1925
1926	43.1	50.5	41.9	56.4	196	118	112	72.0	54.5	44.3	55.0	43.3	75.1	1926
1927	49.9	50.6	91.4	109	127	118	83.9	47.2	42.5	46.5	52.9	53.8	72.8	1927
1928	49.4	51.6	75.5	248	413	152	178	81.6	122	204	157	95.7	153	1928
1929	51.8	50.0	81.9	218	251	135	85.0	50.8	49.1	51.0	46.8	34.4	92.4	1929
1930	37.3	40.9	57.6	78.8	148	193	275	88.8	49.3	41.6	34.9	25.1	89.7	1930
1931	18.7	33.9	43.3	124	145	74.3	38.0	33.2	18.4	28.9	86.8	91.2	61.4	1931
1932	76.5	82.3	71.8	182	136	82.6	30.3	33.4	37.3	85.1	197	116	91.4	1932
1933	80.6	88.0	74.7	208	184	77.1	36.2	22.7	13.8	24.0	41.9	27.8	71.5	1933
1934	23.8	36.3	52.3	136	238	100	51.6	19.2	53.9	70.7	109	121	84.5	1934
1935	86.2	56.2	54.3	104	104	89.3	83.1	35.8	13.9	28.4	54.6	50.3	58.2	1935
1936	35.2	33.4	52.5	152	266	138	39.6	17.4	17.6	23.7	32.4	38.2	72.1	1936
1937	66.4	71.0	101	193	175	72.6	45.4	30.1	54.4	86.5	118	92.3	90.4	1937
1938	36.7	47.2	119	290	174	81.0	47.4	44.2	44.1	46.0	44.4	42.6	84.7	1938
1939	47.8	55.0	89.0	111	217	170	82.5	46.9	48.7	48.1	47.3	51.0	81.3	1939
1940	48.1	44.6	48.8	81.0	128	146	82.3	56.4	98.0	58.1	89.9	80.7	75.2	1940
1941	66.3	75.6	70.8	221	122	77.5	97.0	57.1	52.4	80.1	191	96.7	102	1941
1942	72.1	63.5	65.6	190	135	86.9	43.1	24.1	28.2	28.9	42.0	38.2	71.2	1942
1943	47.4	58.0	71.5	142	221	169	70.5	53.7	72.8	45.4	54.6	43.3	87.2	1943
1944	55.4	50.6	65.0	102	148	82.3	38.2	31.7	34.4	37.2	31.3	40.6	59.7	1944
1945	46.8	52.9	122	111	118	167	90.4	50.2	46.2	84.2	141	81.2	87.4	1945
1946	80.9	73.5	155	112	124	103	54.2	45.0	42.3	36.2	44.3	59.5	78.5	1946
1947	65.6	68.5	79.8	208	358	353	134	63.3	54.0	47.2	48.7	43.9	127	1947
1948	44.9	42.2	41.5	190	134	76.9	65.4	40.3	36.7	37.9	58.6	69.9	84.8	1948
1949	76.6	78.3	94.3	213	150	127	100	47.7	46.2	42.1	38.8	36.2	87.7	1949
1950	53.6	54.0	67.1	135	185	77.9	83.2	54.9	41.7	38.0	42.7	61.6	71.4	1950
1951	45.7	58.7	65.3	357	145	75.4	91.3	55.6	42.7	177	192	141	121	1951
1952	82.4	87.4	80.7	191	129	106	71.5	87.9	53.3	51.3	80.6	87.5	90.6	1952
1953	76.4	95.9	192	268	121	75.7	56.7	46.5	45.0	39.0	24.6	26.0	88.8	1953
1954	29.6	38.0	90.6	184	153	240	91.7	53.6	53.1	208	142	110	117	1954
1955	80.3	81.0	83.4	158	72.3	53.5	82.1	24.5	32.0	63.9	121	83.2	72.7	1955
1956	70.8	69.3	74.9	107	181	139	72.5	50.6	85.2	101	83.2	74.6	90.8	1956
1957	86.6	73.3	82.7	188	118	92.8	233	59.7	57.8	60.0	154	120	108	1957
1958	83.6	86.1	86.9	83.9	78.3	52.1	50.0	28.2	36.2	54.4	49.9	54.4	83.0	1958
1959	58.4	57.5	57.2	184	216	87.3	56.1	42.4	63.1	80.0	134	102	92.2	1959
1960	78.5	86.5	82.1	209	425	152	173	79.2	58.5	68.2	115	82.9	135	1960
1961	74.1	59.9	56.2	84.5	137	95.3	61.3	53.9	72.5	84.7	74.4	79.6	77.9	1961
1962	77.8	78.0	79.8	148	192	80.1	44.3	23.5	27.2	26.8	20.0	22.3	68.6	1962
1963	30.8	31.1	41.4	152	110	67.8	33.8	29.4	33.0	40.3	40.4	25.3	54.2	1963
1964	44.9	57.7	56.2	141	123	84.2	52.7	41.8	34.3	54.9	52.6	55.1	66.9	1964
1965	61.9	63.0	61.4	103	194	61.1	35.3	85.9	159	163	125	108	102	1965
1966	102	98.1	101	153	111	85.3	57.3	47.1	49.3	61.5	110	198	97.8	1966
1967	86.2	97.3	84.0	248	258	150	84.3	59.0	47.8	39.6	114	83.0	112	1967
1968	80.4	85.8	80.9	124	86.2	78.3	60.9	61.6	61.8	58.1	57.7	66.5	78.2	1968
1969	67.2	63.4	66.6	181	143	106	67.5	64.4	51.4	68.7	156	87.3	90.9	1969
1970	75.9	80.3	87.4	126	220	258	188	70.9	66.1	76.3	68.8	79.6	114	1970
1971	72.6	70.4	76.1	185	178	69.5	31.5	37.1	21.7	18.7	25.2	54.1	70.2	1971
1972	65.7	69.8	80.2	143	318	80.8	66.1	120	107	76.6	73.2	67.4	105	1972
1973	74.6	65.9	127	181	185	116	87.3	52.8	47.5	63.9	70.3	69.4	91.0	1973
1974	61.9	62.3	67.2	159	177	115	72.7	52.0	43.6	59.9	164	76.1	92.6	1974
1975	73.4	79.1	86.1	133	193	78.4	32.5	11.1	10.1	31.0	37.9	76.0	70.2	1975
1976	70.7	76.7	76.5	234	219	75.7	37.2	31.5	28.3	41.5	30.1	27.5	79.0	1976
1977	36.2	50.1	79.2	223	87.8	33.6	32.1	28.5	64.6	74.2	110	89.2	76.0	1977
1978	85.1	77.9	61.6	95.5	180	57.1	34.1	34.1	55.1	155	77.7	77.6	82.9	1978
1979	69.1	66.9	68.9	348 R	405 R	122	70.3	66.2	82.7	65.4	99.7	111	131 R	1979
1980	69.6	76.9	66.5	224	185	86.4	40.3	35.6	51.0	85.3	75.8	61.7	90.0	1980
1981	66.2	64.6	102	331	102	61.6	80.9	33.2	43.1	75.4	66.3	74.5	94.9	1981
1982	66.7	66.4	64.0	164	119	42.3	17.5	10.1	38.9	95.5	108	136	77.7	1982
1983	101	79.1	65.4	132	247	184	40.1	30.7	28.3	66.6	45.5	61.8	89.2	1983
1984	57.6	73.5	61.7	158	97.1	180	118	53.5	65.6	66.4	108	97.5	84.2	1984
MEAN	62.1	64.6	77.6	189 R	179 R	107	72.4	48.7	50.3	64.7	80.3	70.6	87.2	MEAN

LOCATION - LAT 46 27 00 N DRAINAGE AREA, 6 660 km²
LONG 79 51 47 W REGULATED

DATA CONTRIBUTED BY - ONTARIO HYDRO

R - REVISED SINCE JAN 1980

STURGEON RIVER AT CRYSTAL FALLS - STATION NO. 02DC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1921	---	---	---	---	1921
1922	---	581 ON APR 19	20.2 ON JAN 29	3 150 000	1922
1923	---	473 ON APR 30	0.850 ON SEP 3	2 480 000	1923
1924	---	264 ON MAY 1	5.88 ON JAN 6	2 230 000	1924
1925	---	212 ON APR 27	31.1 ON MAR 1	2 320 000	1925
1926	---	284 ON MAY 23	14.2 ON NOV 7	2 370 000	1926
1927	---	243 ON APR 22	18.7 ON OCT 23	2 280 000	1927
1928	---	558 ON MAY 13	32.8 ON JAN 26	4 850 000	1928
1929	---	348 ON MAY 4	19.3 ON DEC 15	2 910 000	1929
1930	---	405 ON JUN 28	13.8 ON DEC 17	2 830 000	1930
1931	---	219 ON APR 23	0.311 ON AUG 28	1 930 000	1931
1932	---	234 ON NOV 12	16.1 ON AUG 15	2 880 000	1932
1933	---	284 ON APR 18	1.70 ON SEP 24	2 250 000	1933
1934	---	337 ON MAY 3	13.9 ON AUG 21	2 870 000	1934
1935	---	177 ON MAY 1	9.37 ON OCT 2	1 830 000	1935
1936	---	357 ON MAY 5	3.54 ON SEP 10	2 280 000	1936
1937	---	306 ON MAY 1	5.85 ON SEP 8	2 850 000	1937
1938	---	380 ON APR 1	20.1 ON NOV 27	3 870 000	1938
1939	---	294 ON MAY 11	35.7 ON SEP 28	3 570 000	1939
1940	---	232 ON MAY 30	23.8 ON MAR 31	2 380 000	1940
1941	---	388 ON APR 23	36.2 ON AUG 31	3 220 000	1941
1942	---	262 ON APR 18	17.7 ON OCT 18	2 240 000	1942
1943	---	348 ON MAY 8	30.0 ON DEC 12	2 750 000	1943
1944	---	234 ON APR 27	19.4 ON AUG 27	1 890 000	1944
1945	---	385 ON JUN 4	37.4 ON JUL 22	2 780 000	1945
1946	---	239 ON MAR 28	27.5 ON SEP 22	2 470 000	1946
1947	---	498 ON JUN 18	34.0 ON OCT 5	4 010 000	1947
1948	---	285 ON APR 22	19.3 ON SEP 5	2 210 000	1948
1949	---	288 ON APR 15	24.2 ON DEC 15	2 770 000	1949
1950	---	279 ON MAY 11	24.8 ON OCT 15	2 250 000	1950
1951	---	536 ON APR 14	29.7 ON SEP 18	3 800 000	1951
1952	---	331 ON APR 25	27.1 ON AUG 31	2 870 000	1952
1953	---	482 ON MAR 29	8.24 ON NOV 22	2 800 000	1953
1954	---	379 ON OCT 17	9.94 ON JAN 1	3 700 000	1954
1955	---	260 ON APR 16	4.50 ON AUG 28	2 280 000	1955
1956	---	250 ON MAY 17	14.2 ON SEP 3	2 870 000	1956
1957	---	459 ON JUL 6	33.4 ON SEP 29	3 420 000	1957
1958	---	135 ON JAN 2	0.708 ON SEP 1	1 980 000	1958
1959	---	306 ON MAY 8	15.6 ON AUG 30	2 910 000	1959
1960	---	520 ON MAY 13	41.1 ON SEP 4	4 260 000	1960
1961	---	189 ON APR 18	39.1 ON AUG 27	2 480 000	1961
1962	---	337 ON MAY 4	8.95 ON NOV 24	2 100 000	1962
1963	---	186 ON APR 18	19.6 ON SEP 24	1 710 000	1963
1964	---	253 ON APR 15	16.0 ON AUG 2	2 050 000	1964
1965	---	371 ON SEP 25	14.2 ON JUL 1	3 220 000	1965
1966	---	311 ON DEC 1	23.2 ON AUG 28	3 080 000	1966
1967	---	419 ON MAY 4	16.3 ON OCT 8	3 520 000	1967
1968	---	187 ON APR 1	24.1 ON NOV 3	2 380 000	1968
1969	---	271 ON APR 17	25.7 ON SEP 21	2 870 000	1969
1970	---	532 ON JUN 5	41.1 ON AUG 30	3 580 000	1970
1971	---	311 ON APR 21	0 ON OCT 3 *	2 210 000	1971
1972	---	510 ON MAY 5	45.8 ON JUL 15	3 320 000	1972
1973	---	274 ON MAY 10	28.2 ON SEP 23	2 870 000	1973
1974	---	284 ON MAY 2	21.8 ON SEP 2	2 920 000	1974
1975	---	357 ON MAY 7	7.14 ON SEP 5	2 210 000	1975
1976	---	340 ON APR 24	11.2 ON SEP 5	2 500 000	1976
1977	---	381 ON APR 25	8.31 ON AUG 21	2 390 000	1977
1978	---	277 ON MAY 15	28.0 ON AUG 16	2 810 000	1978
1979	---	548R ON MAY 1 *	41.5 ON AUG 27	4 140 000R	1979
1980	---	340 ON APR 10	20.4 ON AUG 31	3 840 000	1980
1981	---	441 ON APR 10	17.8 ON AUG 23	3 000 000	1981
1982	---	301 ON APR 27	0 ON AUG 1	2 480 000	1982
1983	---	349 ON MAY 8	14.3 ON SEP 11	2 810 000	1983
1984	---	461 ON APR 19	38.4 ON OCT 7	2 980 000	1984
				2 780 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

STURGEON RIVER AT LOWER GOOSE FALLS - STATION NO. 02DC011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1981	---	---	---	---	---	---	---	---	---	---	---	12.4R	---	1981
1982	9.32	7.40	6.83	40.1	81.2	19.5	9.98	5.58	20.2	35.4	30.8	28.5	23.0	1982
1983	17.7	11.2	12.7	45.4	80.1	55.5	17.9	10.8	7.74	25.1	17.6	13.2	28.4	1983
1984	8.28	10.6	11.2	55.0	44.8	44.1	35.7	15.3	11.9	21.8	27.2	25.7	26.0	1984
MEAN	11.8	9.73	10.2	47.2	82.0	40.0	21.2	10.8	13.3	27.4	25.1	20.0R	25.1	MEAN

LOCATION - LAT 46 58 12 N DRAINAGE AREA, 1 800 km^2
LONG 89 25 53 W NATURAL FLOW

R - REVISED SINCE JAN 1980

REMARKS - STATION DISCONTINUED APR 22 1985. REPLACED BY 02DC012 "STURGEON RIVER AT UPPER GOOSE FALLS"

STURGEON RIVER AT LOWER GOOSE FALLS - STATION NO. 02DC011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1981	---	---	---	---	1981
1982	121 AT 15:35 EST ON APR 28	120 ON APR 28	4.56 ON AUG 22 *	725 000	1982
1983	133 AT 15:23 EST ON JUN 1 *	132 ON JUN 1 *	5.33 ON SEP 14	834 000	1983
1984	101 AT 13:55 EST ON APR 19	100 ON APR 19	7.208 ON FEB 7	822 000	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		784 000	MEAN

STURGEON RIVER AT MCDOUGALL MILLS - STATION NO. 05QA004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	---	---	---	---	---	---	19.4	17.3	15.2	14.8	---	1961
1962	13.8	12.9	12.0	12.3	40.6	62.8	40.1	43.1	47.7	28.7	22.1	24.5	30.2	1962
1963	21.9	17.5	14.5	18.8	33.2	60.2	52.0	43.8	27.9	17.4	12.8	13.4	28.0	1963
1964	14.2	18.7	14.3	22.0	122	70.3	58.3	59.0	128	92.0	51.1	34.3	57.8	1964
1965	26.6	21.3	19.9	19.5	54.5	82.9	52.5	35.1	26.9	49.5	51.4	39.6	38.4	1965
1966	32.1	26.8	21.7	24.3	112	133	76.0	42.1	24.1	15.3	14.8	14.5	44.8	1966
1967	14.4	14.2	14.0	24.8	71.2	41.9	51.5	44.1	28.4	17.1	15.5	15.1	32.8	1967
1968	14.8	14.4	13.9	24.2	89.4	155	93.0	79.8	62.2	58.9	57.0	36.7	58.2	1968
1969	29.4	28.1	22.5	30.9	73.2	114	71.0	75.7	86.5	80.8	44.7	36.5	54.5	1969
1970	27.8	22.6	20.1	18.7	80.1	83.9	49.4	38.3	81.7	70.5	70.4	45.9	49.2	1970
1971	37.2	30.1	23.6	34.8	77.1	61.8	91.5	30.3	25.0	71.3	134	67.1	55.3	1971
1972	42.6	31.0	25.4	21.8	63.7	44.4	32.6	26.2	18.1	23.4	26.8	22.1	31.6	1972
1973	18.2	15.8	15.9	21.2	44.8	37.9	51.6	47.3	42.7	47.8	40.4	31.3	34.7	1973
1974	24.7	21.1	19.1	23.0	129	180	80.4	26.5	33.7	37.9	35.0	29.6	50.0	1974
1975	25.4	23.5	20.5	26.9	61.2	60.5	38.6	25.8	18.2	16.8	21.9	18.0	31.8	1975
1976	15.4	13.8	13.3	44.3	55.0	37.5	30.3	15.7	9.31	6.65	4.99	4.79	21.8	1976
1977	4.83	5.04	5.45	12.0	29.0	34.7	35.4	24.3	31.9	33.9	23.1	22.4	22.0	1977
1978	19.6	16.6	14.4	15.2	73.9	116	61.5	43.0	38.5	29.0	20.1	17.2	38.6	1978
1979	14.8	13.4	14.2	21.6	82.8	87.7	38.0	31.1	46.0	32.0	50.7	35.9	36.6	1979
1980	26.4	24.0	20.1	23.6	50.3	26.9	14.8	13.7	18.1	25.9	27.9	20.9	24.4	1980
1981	16.8	14.7	13.8	20.5	34.2	41.6	54.9	26.3	13.6	10.4	6.95	10.4	22.4	1981
1982	10.5	10.5	10.4	11.7	55.5	60.5	42.1	35.9	25.7	37.0	38.0	29.6	30.8	1982
1983	23.4	19.3	17.8	17.2	29.4	43.2	47.0	32.2	16.6	14.4	15.0	17.7	24.7	1983
1984	17.7	16.7	15.1	26.2	69.2	74.6	57.4	42.6	26.1	18.9	20.6	24.3	34.1	1984
MEAN	21.4	18.7	16.7	22.5	68.4	74.0	50.9	38.3	35.6	34.7	34.3	26.1	37.1	MEAN

LOCATION - LAT 50 10 20 N DRAINAGE AREA, 4 450 km^2
LONG 91 32 30 W NATURAL FLOW

REMARKS - FROM 1968-1981, STATION TITLED "MARCHINGTON RIVER AT MCDOUGALL MILLS"

STURGEON RIVER AT MCDOUGALL MILLS - STATION NO. 05QA004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	81.0 ON JUN 2	11.5 ON MAR 23	953 000	1962
1963	---	70.5 ON JUN 29	12.1 ON NOV 9	881 000	1963
1964	---	168 ON SEP 7	13.3 ON JAN 1	1 830 000	1964
1965	---	73.3 ON JUN 12	17.7 ON APR 5	1 210 000	1965
1966	---	224 ON MAY 28 *	14.5 E ON DEC 21	1 410 000	1966
1967	---	101 E ON MAY 31	13.5 E ON MAR 27	1 030 000	1967
1968	185 AT 20:00 CST ON JUN 15	183 ON JUN 16	13.4 ON MAR 25	1 370 000	1968
1969	143 AT 14:30 CST ON JUN 10	142 ON JUN 10	19.3 ON APR 8	1 720 000	1969
1970	116 AT 10:00 CST ON JUN 2	115 ON JUN 2	16.8 ON APR 13	1 550 000	1970
1971	181 AT 19:25 CST ON NOV 8	159 ON NOV 8	21.6 ON APR 9	1 740 000	1971
1972	77.0 AT 08:42 CST ON MAY 22	75.0 ON MAY 21	16.9 ON SEP 21	897 000	1972
1973	88.0 AT 13:31 CST ON JUL 11	87.5 ON JUL 11	15.2 ON FEB 26	1 100 000	1973
1974	210 AT 19:30 CST ON MAY 27 *	208 ON MAY 27	17.7 ON APR 10	1 580 000	1974
1975	95.3 AT 11:58 CST ON MAY 18	94.6 ON MAY 18	15.5 ON OCT 22	1 000 000	1975
1976	96.0 AT 14:15 CST ON APR 28	94.6 ON APR 28	4.47E ON DEC 19 *	891 000	1976
1977	---	47.0E ON SEP 28	4.62 ON JAN 27	695 000	1977
1978	143 AT 08:04 CST ON JUN 10	141 ON JUN 7	13.3 ON MAR 30	1 220 000	1978
1979	101 AT 15:51 CST ON MAY 18	99.5 ON MAY 20	13.7 ON FEB 8	1 150 000	1979
1980	86.0 AT 05:03 CST ON MAY 14	85.4 ON MAY 13	13.0 ON AUG 7	771 000	1980
1981	88.6 AT 20:42 CST ON JUL 6	88.4 ON JUL 6	9.89 ON NOV 1	705 000	1981
1982	78.4 AT 08:36 CST ON MAY 27	79.2 ON MAY 27	9.95 ON JAN 25	972 000	1982
1983	85.1 AT 12:23 CST ON JUL 8	84.5 ON JUL 8	13.7 ON OCT 9	778 000	1983
1984	80.7 AT 07:00 CST ON JUN 13	80.0 ON JUN 14	14.1 ON APR 3	1 080 000	1984
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 170 000	MEAN

STURGEON RIVER AT OUTLET OF SALVESEN LAKE - STATION NO. 05QE009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	10.1	6.15	5.05	3.78	2.81	3.63	---	1960
1961	2.89	2.55	2.68	9.14	22.6	10.9	5.43	4.01	2.26	3.17	5.14	5.38	6.38	1961
1962	5.75	5.82	5.77	9.77	37.4	24.5	15.1	23.9	19.5	8.28	5.75	---	---	1962
1963	---	---	---	21.1	35.9	41.9	23.9	17.3	9.04	5.02	4.64	4.41	---	1963
1964	4.30	---	---	---	---	---	---	---	16.3	24.1	10.4	7.55	---	1964
1965	5.85	5.12	5.62	13.5	51.5	28.0	18.4	8.02	5.36	8.37	9.88	8.92	14.2	1965
1966	6.32	5.78	5.24	11.4	38.4	30.2	16.3	8.55	4.50	3.90	4.37	4.26	11.6	1966
1967	4.16	4.08	3.98	13.3	31.3	16.3	8.99	9.88	5.91	3.34	2.38	2.64	8.85	1967
1968	2.99	3.06	3.01	9.22	13.9	27.4	14.7	8.11	10.0	14.9	11.1	7.58	10.5	1968
1969	7.75	6.07	6.57	15.2	16.9	15.9	24.8	15.8	15.3	22.2	13.4	9.84	14.3	1969
1970	8.09	7.01	6.71	9.08	42.3	33.5	19.9	13.8	13.1	12.0	24.0	13.6	16.9	1970
1971	9.65	7.86	6.82	23.4	36.3	16.4	9.20	4.95	5.47	4.56	8.12	5.17	11.3	1971
1972	4.28	4.08	3.76	7.42	21.4	11.0	5.65	4.53	4.52	8.12	5.72	4.10	8.89	1972
1973	4.16	3.75	3.80	6.89	13.2	9.57	8.59	14.4	35.3	39.6	22.2	14.9	14.7	1973
1974	10.4	8.46	7.06	20.6	78.1	46.0	18.3	17.9	28.2	15.0	10.0	7.47	22.0	1974
1975	6.58	6.48	5.67	8.68	30.4	21.7	18.9	10.5	6.13	4.24	3.11	3.04	10.5	1975
1976	3.37	3.56	3.68	16.0	20.5	12.1	9.02	3.70	1.82	1.15	0.950	0.848	6.39	1976
1977	0.753	0.767	0.689	1.67	2.29	3.72	4.26	3.61	13.9	14.6	8.99	8.77	5.79	1977
1978	6.84	6.26	6.51	8.76	41.6	24.2	15.7	11.9	7.85	5.94	3.57	3.38	11.7	1978
1979	3.10	3.05	3.11	6.36	41.7	22.6	11.2	6.62	5.61	4.19	5.42	5.97	10.1	1979
1980	5.32	4.82	4.27	12.0	19.0	7.32	4.33	3.07	3.20	4.97	5.27	4.17	6.46	1980
1981	3.57	3.15	2.75	3.34	3.83	9.65	19.1	8.41	7.51	8.27	7.57	5.56	6.90	1981
1982	4.47	3.90	3.34	7.85	25.5	22.6	17.2	9.82	5.86	6.72	6.19	4.61	9.85	1982
1983	4.10	3.71	3.67	6.09	11.4	14.9	11.4	5.72	2.79	2.02	1.56	1.44	5.56	1983
1984	1.38	1.43	1.45	5.08	9.43	17.6	12.3	5.54	2.65	2.82	7.01	6.97	6.14	1984
MEAN	5.09	4.67	4.29	10.7	27.9	20.3	13.5	9.32	9.89	9.25	7.62	5.92	10.3	MEAN

LOCATION - LAT 50 21 20 N DRAINAGE AREA, 1 530 km²
LONG 84 27 30 W NATURAL FLOW

STURGEON RIVER AT OUTLET OF SALVESEN LAKE - STATION NO. 05QE009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1960	---	---	---	---	1960
1961	25.9 AT 11:00 CST ON MAY 13	25.8 ON MAY 13	0.929 ON SEP 19	201 000	1961
1962	48.7 AT 18:30 CST ON MAY 24	48.4 ON MAY 26	---	---	1962
1963	---	48.7 ON JUN 14	---	---	1963
1964	---	---	---	---	1964
1965	72.2 AT 21:00 CST ON MAY 8 *	72.2 ON MAY 10	5.15 ON SEP 15	448 000	1965
1966	53.0 AT 01:00 CST ON MAY 25	52.7 ON MAY 24	2.72 E ON OCT 12	362 000	1966
1967	---	36.8E ON MAY 1	2.18 ON NOV 28	280 000	1967
1968	32.8A AT 13:00 CST ON JUN 15	32.3A ON JUN 12	2.85 ON MAR 9	332 000	1968
1969	---	37.4E ON JUL 1	5.75 ON APR 5	453 000	1969
1970	49.8 AT 13:00 CST ON MAY 9	47.3 ON MAY 17	6.09 ON APR 4	534 000	1970
1971	60.7 AT 16:34 CST ON MAY 5	50.4 ON MAY 5	3.70 ON OCT 28	357 000	1971
1972	24.7 AT 12:14 CST ON MAY 9	24.7 ON MAY 9	3.17 ON SEP 5	218 000	1972
1973	45.6 AT 20:18 CST ON OCT 15	45.3 ON OCT 16	3.45 ON MAR 6	485 000	1973
1974	---	92.3E ON MAY 21 *	6.00 E ON APR 5	895 000	1974
1975	35.1 IN MAY	35.1 ON MAY 8	2.89 ON NOV 25	331 000	1975
1976	---	32.0E ON APR 25	0.804E ON DEC 27	202 000	1976
1977	27.1 AT 08:45 CST ON SEP 21	27.0 ON SEP 19	0.738E ON JAN 28 *	183 000	1977
1978	49.6 AT 15:27 CST ON MAY 14	49.5 ON MAY 14	3.23 ON DEC 28	389 000	1978
1979	49.6 AT 04:05 CST ON MAY 4	49.6 ON MAY 4	2.97 ON JAN 23	320 000	1979
1980	31.6 AT 00:09 CST ON MAY 2	31.4 ON MAY 1	2.56 ON AUG 31	205 000	1980
1981	34.7 AT 00:25 CST ON JUL 8	24.6 ON JUL 7	2.59 ON MAR 23	218 000	1981
1982	28.2 AT 20:05 CST ON MAY 12	28.1 ON MAY 12	3.22 ON MAR 8	311 000	1982
1983	16.2 AT 11:56 CST ON JUN 16	16.2 ON JUN 15	1.40 ON NOV 16	178 000	1983
1984	21.6 AT 14:15 CST ON JUN 25	21.4 ON JUN 24	1.23 E ON JAN 23	194 000	1984
				326 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

STURGEON RIVER AT SMOKY FALLS - STATION NO. 02DC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	103	239	93.7	80.2	63.9	51.3	58.6	78.9	46.0	---	1914
1915	19.8	18.4	17.6	93.4	145	108	88.1	51.3	30.8	81.2	58.4	79.9	65.8	1915
1916	47.6	55.4	83.6	259	289	128	87.6	45.5	29.5	51.3	77.1	81.3	100	1916
1917	58.1	45.3	46.6	154	265	208	152	84.0	65.5	55.0	50.6	46.7	103	1917
1918	43.4	40.4	42.0	140	190	91.6	82.8	63.9	89.5	98.1	121	73.6	86.3	1918
1919	61.7	65.7	77.0	218	299	200	78.3	61.1	65.3	121	132	112	126	1919
1920	65.6	61.6	109	198	194	102	---	---	---	---	---	---	---	1920
MEAN	52.7	51.1	59.6	186	232	133	88.0	60.0	50.5	77.6	86.6	74.9	98.8	MEAN

LOCATION - LAT 48 27 00 N DRAINAGE AREA, 8 560 km² DATA CONTRIBUTED BY -
LONG 79 52 00 W REGULATED ONTARIO HYDRO

STURGEON RIVER AT SMOKY FALLS - STATION NO. 02DC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	328 ON MAY 1	---	---	1914
1915	---	183 ON MAY 11	15.38 ON MAR 18 *	2 110 000	1915
1916	---	460 ON MAY 2 *	24.6 ON SEP 12	3 180 000	1916
1917	---	340 ON MAY 4	36.8 ON NOV 23	3 260 000	1917
1918	---	254 ON MAY 11	37.9 ON MAR 15	2 780 000	1918
1919	---	365 ON MAY 25	45.3 ON MAR 10	3 970 000	1919
1920	---	300 ON MAY 1	---	---	1920
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		3 060 000	MEAN

STURGEON RIVER BELOW SMOKY FALLS - STATION NO. 02DC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1920	---	---	---	---	---	---	73.2	57.7	35.7	26.3	43.2	34.2	---	1920
1921	29.4	20.1	50.8	211	152	72.1	61.2	46.7	36.7	---	---	---	---	1921
MEAN	29.4	20.1	50.8	211	152	72.1	67.2	52.2	37.7	26.3	43.2	34.2	---	MEAN

LOCATION - LAT 48 27 00 N LONG 79 52 00 W DRAINAGE AREA, 6 660 km^2 REGULATED

STURGEON RIVER BELOW SMOKY FALLS - STATION NO. 02DC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1920	---	---	---	---	1920
1921	---	314 ON APR 10 *	---	---	1921
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

STURGEON RIVER NEAR BARWICK - STATION NO. 05PC010

MONTHLY MEAN DISCHARGES AND MEAN DISCHARGES FOR MAR TO OCT IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	0	4.18	0.344	0.647	3.03	0.086	0	0	---	---	1.06	1952
1953	---	---	0.286	0.386	0.588	2.05	0.422	0.099	0.281	0.121	---	---	0.522	1953
1954	---	---	0	8.40	3.40	0.783	0.065	0	0.091	0.061	0.082	---	1.34	1954
1955	---	---	0	6.99	0.795	2.35	1.19	0.004	0.304	1.82	---	---	1.68	1955
1956	---	---	0	8.71	2.26	1.06	0.097	0.036	0.046	0.076	---	---	1.84	1956
1957	---	---	0.178	4.81	0.486	0.658	1.40	0.023	0.126	0.229	---	---	0.975	1957
1958	---	---	0.593	0.706	0.347	0.677	3.35	0.026	0	0.033	---	---	0.722	1958
1959	---	---	0.072	3.69	1.49	0.521	0.100	0.016	0.527	0.576	---	---	0.843	1959
1960	---	---	0	3.43	0.761	1.14	0.112	0.209	0.342	0.126	---	---	0.764	1960
1961	---	---	2.44	3.92	0.836	0.016	0.012	0.013	0.904	0.930	---	---	1.13	1961
1962	---	---	0.016	7.29	7.86	3.60	3.35	1.09	1.60	0.163	---	---	3.11	1962
1963	---	---	0.774	4.65	2.91	5.20	1.74	0.134	0.024	0.009	---	---	1.91	1963
1964	---	---	0	4.28	1.43	4.79	0.052	1.37	4.86	0.474	---	---	2.13	1964
1965	---	---	0	7.42	4.88	1.39	0.635	0.510	1.93	3.68	---	---	2.52	1965
1966	---	---	0.373	12.8	4.59	0.288	0.330	2.72	0.234	0.299	---	---	2.68	1966
1967	---	---	1.24	8.83	3.74	3.11	0.287	0.042	0.004	0.025	---	---	1.98	1967
1968	---	---	1.68	3.38	0.984	8.36	1.21	2.48	4.70	5.85	---	---	3.54	1968
1969	---	---	0	8.37	1.35	0.730	0.447	3.88	0.152	0.054	---	---	1.93	1969
1970	---	---	0	7.89	4.11	1.16	0.135	0.021	0.053	0.384	---	---	1.71	1970
1971	---	---	0	5.69	2.02	0.549	0.065	0.008	0.102	2.44	---	---	1.35	1971
1972	---	---	0.043	8.09	1.94	0.224	0.188	0.014	0.022	0.600	---	---	1.12	1972
1973	---	---	1.37	0.824	0.882	0.411	0.334	2.95	0.928	5.14	---	---	1.56	1973
1974	---	---	0	7.84	5.41	3.28	0.001	0.175	0.001	0.326	---	---	2.07	1974
1975	---	---	0	6.13	2.14	0.431	0.761	0	0	0.049	---	---	1.42	1975
1976	---	---	0.052	5.13	0.174	0.877	0.277	0.008	0	0	---	---	0.775	1976
1977	---	---	0.733	0.794	1.98	1.37	0.108	0	1.52	1.03	---	---	0.940	1977
1978	---	---	0	7.88	3.33	3.36	2.22	0.481	1.48	0.214	---	---	2.33	1978
1979	---	---	0.120	12.0	2.28	1.92	0.149	0.007	0.008	0.006	---	---	2.03	1979
1980	---	---	0	3.16	0.280	0	0	0.003	0.388	0.187	---	---	0.496	1980
1981	---	---	0.482	1.05	0.880	1.28	0.759	0.185	0.120	1.78	---	---	0.811	1981
1982	---	---	0	4.80	3.18	0.406	2.67	1.28	0.588	3.67	---	---	2.08	1982
1983	---	---	0.518	1.87	0.855	3.14	0.817	0.005	0.744	1.89	---	---	1.21	1983
1984	---	---	0.264	3.69	1.12	5.88	0.328	0.011	0	1.58	---	---	1.65	1984
MEAN	---	---	0.338	5.37	2.08	1.86	0.811	0.538	0.870	1.05	0.082	---	1.87	MEAN

LOCATION - LAT 48 41 15 N LONG 93 58 00 W DRAINAGE AREA, 188 km^2 NATURAL FLOW

STURGEON RIVER NEAR BARWICK - STATION NO. 05PC010

EXTREMES OF DISCHARGE AND TOTAL DISCHARGE FOR MAR TO OCT FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	8.32 ON APR 14	0.0 ON MAR 1 *	22 300	1952
1953	---	5.97 ON JUN 23	0.0 ON MAR 1	11 100	1953
1954	---	20.0 ON APR 13	0.0 ON MAR 1	28 300	1954
1955	---	21.2 B ON APR 10	0.0 ON MAR 1	35 500	1955
1956	---	20.8 ON APR 14	0.0 ON MAR 1	34 700	1956
1957	---	21.9 ON APR 30	0.0 ON MAR 1	20 700	1957
1958	---	12.1 ON JUL 6	0.0 ON MAR 4	15 300	1958
1959	---	9.09 ON APR 5	0.0 ON MAR 1	17 800	1959
1960	---	13.1 ON APR 14	0.0 ON MAR 1	18 000	1960
1961	---	15.4 B ON MAR 26	0.0 ON MAR 1	23 900	1961
1962	---	23.7 ON MAY 23	0.0 ON MAR 1	65 800	1962
1963	---	18.3 ON JUN 2	0.0 ON MAR 1	40 800	1963
1964	---	20.9 ON SEP 5	0.0 ON MAR 1	45 000	1964
1965	---	22.1 ON APR 15	0.0 ON MAR 1	53 200	1965
1966	---	26.3 ON APR 17	0.0 ON MAR 1	56 700	1966
1967	---	28.7 B ON MAR 31	0.0 ON MAR 1	42 100	1967
1968	---	43.0 ON JUN 5	0.0 ON MAR 1	75 000	1968
1969	---	25.5 B ON APR 10	0 ON MAR 1	40 800	1969
1970	---	28.0 ON APR 25	0.0 ON MAR 1	38 200	1970
1971	---	24.0 B ON APR 12	0.0 ON MAR 1	28 500	1971
1972	---	20.4 ON APR 21	0.0 ON MAR 1	23 600	1972
1973	---	17.6 ON OCT 13	0.0 ON MAR 1	33 100	1973
1974	---	28.3 ON JUN 7	0.0 ON MAR 1	43 900	1974
1975	---	27.4 B ON APR 24	0.0 ON MAR 1	30 100	1975
1976	---	11.4 B ON APR 7	0.0 ON MAR 1	16 400	1976
1977	---	9.65 ON JUN 1	0.0 ON MAR 1	18 900	1977
1978	---	29.2 ON MAY 31	0.0 ON MAR 1	49 400	1978
1979	---	53.0 B ON APR 20 *	0.0 ON MAR 1	43 000	1979
1980	---	10.4 B ON APR 7	0.0 ON MAR 1	10 500	1980
1981	6.17 AT 05:00 CST ON OCT 3	3.94 ON OCT 3	0.0 ON MAR 1	17 200	1981
1982	18.1 AT 12:00 CST ON JUL 22 *	18.0 B ON APR 18	0.0 ON MAR 1	44 000	1982
1983	15.4 AT 17:03 CST ON JUN 23	12.7 ON JUN 23	0.0 ON MAR 1	25 600	1983
1984	---	33.0 A ON JUN 9	0.0 ON MAR 1	32 700	1984
				33 300	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

STURGEON RIVER NEAR GLEN AFTON - STATION NO. 02DC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	---	---	---	---	---	---	---	---	---	---	---	43.3	---	1941
1942	30.6	21.4	19.3	90.0	83.0	48.9	23.5	14.7	13.4	13.6	21.1	15.9	32.9	1942
1943	12.9	14.9	16.5	51.8	128	101	47.0	25.8	36.0	19.7	25.5	15.6	41.5	1943
1944	12.4	11.7	15.4	41.7	97.6	46.6	23.8	18.1	13.7	16.1	17.2	12.9	27.3	1944
1945	9.06	8.38	31.6	73.6	71.7	103	33.6	20.6	22.8	26.6	53.7	28.9	40.4	1945
1946	28.9	23.2	50.4	70.2	68.2	51.5	29.1	24.8	19.4	15.3	25.0	35.1	36.6	1946
1947	21.1	17.7	17.3	76.6	162	172	59.6	35.9	22.7	13.6	10.8	10.7	51.6	1947
1948	10.1	16.5	13.0	85.2	70.8	44.2	32.1	23.0	12.8	15.2	34.9	30.7	32.3	1948
1949	33.7	30.6	29.4	102	83.6	64.3	49.3	20.3	20.3	12.1	11.8	11.3	39.0	1949
1950	18.3	23.6	23.0	50.2	114	47.6	33.7	25.1	15.6	9.94	17.8	19.7	33.3	1950
1951	10.4	16.1	14.6	165	84.9	40.8	49.3	25.9	27.2	73.9	73.8	52.9	52.9	1951
1952	31.4	25.1	24.6	97.9	76.6	50.4	35.7	33.9	23.3	16.6	22.4	36.5	39.6	1952
1953	25.6	31.4	63.4	144	73.0	37.1	26.3	13.4	16.7	13.5	8.80	16.4	39.1	1953
1954	10.9	13.6	41.3	92.9	97.4	102	51.3	24.3	24.9	101	67.6	46.6	58.3	1954
1955	29.6	24.6	22.1	80.6	43.5	27.5	12.0	13.6	14.9	32.6	47.6	25.1	31.1	1955
1956	16.5	24.0	22.3	53.0	100	66.4	39.5	28.1	37.7	49.7	35.7	32.9	42.4	1956
1957	24.2	23.3	26.2	77.6	84.1	42.4	111	23.5	30.0	20.6	56.4	48.4	47.6	1957
1958	36.7	25.6	22.6	52.2	36.4	31.0	24.3	13.9	13.4	26.6	31.1	27.0	28.4	1958
1959	20.6	15.0	17.6	88.7	125	43.7	25.0	16.9	22.4	36.1	60.0	42.2	41.3	1959
1960	28.5	37.0	24.3	94.1	254	78.4	64.3	28.9	25.0	28.3	41.5	31.0	60.6	1960
1961	22.1	19.7	18.0	42.2	72.0	58.3	41.2	27.2	36.9	36.6	32.2	39.6	37.0	1961
1962	35.3	26.0	23.9	66.6	---	---	---	---	---	---	---	---	---	1962
1979	---	---	---	---	---	---	---	---	---	---	---	58.4R	---	1979
1980	36.0	31.7	18.0	119	113	40.1	20.2	18.1	18.1	46.8	24.0	17.5	42.0	1980
1981	15.2	17.6	26.1	172	82.2	44.6	33.6	18.6	22.3	33.5	28.6	22.9	41.3	1981
1982	17.6	12.9	12.3	67.1	88.2	31.3	14.3	9.25	26.5	50.4	46.2	49.7	35.6	1982
1983	36.3	22.4	30.7	78.7	123	82.6	27.3	18.6	14.2	33.2	23.7	22.2	43.6	1983
1984	18.3	18.9	21.7	86.4	61.6	61.4	57.0	26.4	27.1	36.1	42.6	38.0	43.0	1984
MEAN	22.6	20.5	24.9	84.6	94.9	61.8	36.6	22.0	22.4	31.1	34.6	30.9R	40.7	MEAN

LOCATION - LAT 46 36 12 N, LONG 80 15 53 W DRAINAGE AREA, 2 980 km^2 REGULATED R - REVISED SINCE JAN 1980

REMARKS - FORMERLY PUBLISHED AS "STURGEON RIVER NEAR AZEN" 1961-62

STURGEON RIVER NEAR GLEN AFTON - STATION NO. 02DC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	---	---	---	---	1941
1942	---	151 ON APR 20	10.1 ON OCT 19	1 040 000	1942
1943	---	197 ON MAY 7	12.9 B ON JAN 1	1 310 000	1943
1944	---	148 ON MAY 5	11.1 ON SEP 19	885 000	1944
1945	---	215 ON JUN 3	8.388 ON FEB 1	1 270 000	1945
1946	---	102 ON MAR 30	13.2 ON OCT 24	1 180 000	1946
1947	---	262 ON JUN 19	7.59 ON NOV 2	1 630 000	1947
1948	---	132 ON APR 25	7.02 ON OCT 7 *	1 020 000	1948
1949	---	136 ON APR 28	10.1 ON NOV 10	1 230 000	1949
1950	---	159 ON MAY 10	7.67 ON OCT 10	1 050 000	1950
1951	--	249 ON APR 14	10.4 B ON JAN 1	1 670 000	1951
1952	---	196 ON APR 25	12.0 ON NOV 15	1 250 000	1952
1953	---	173 ON APR 14	7.67 ON NOV 12	1 230 000	1953
1954	---	185 ON OCT 19	10.9 B ON JAN 1	1 780 000	1954
1955	---	135 ON APR 19	7.93 ON JUL 30	881 000	1955
1956	---	128 ON MAY 18	17.1 B ON JAN 16	1 340 000	1956
1957	---	244 ON JUL 6	13.4 ON OCT 14	1 500 000	1957
1958	---	87.8 ON APR 22	8.26 ON SEP 5	895 000	1958
1959	---	174 ON MAY 7	11.4 B ON FEB 28	1 300 000	1959
1960	---	419 ON MAY 14 *	19.7 ON SEP 3	1 920 000	1960
1961	---	86.4 ON MAY 11	14.3 ON SEP 12	1 170 000	1961
1962	---	---	---	---	1962
1978	---	---	---	---	1978
1979	---	---	---	---	1979
1980	---	189 E ON APR 28	9.46 ON SEP 13	1 330 000	1980
1981	226 AT 20:53 EST ON APR 8 *	225 ON APR 10	13.8 ON AUG 23	1 300 000	1981
1982	142 AT 03:01 EST ON MAY 2	160 ON APR 30	8.00 ON AUG 21	1 120 000	1982
1983	183 AT 14:01 EST ON JUN 2	182 ON JUN 2	10.0 ON SEP 10	1 370 000	1983
1984	146 AT 00:13 EST ON APR 21	145 ON APR 20	13.9 B ON FEB 9	1 360 000	1984
				1 280 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SYDENHAM RIVER AT FLORENCE - STATION NO. 02GG003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	2.95	44.5	34.0	13.2	6.19	14.0	5.25	2.02	6.05	2.55	14.1	20.4	13.8	1984
MEAN	2.95	44.5	34.0	13.2	6.19	14.0	5.25	2.02	6.05	2.55	14.1	20.4	13.8	MEAN

LOCATION - LAT 42 39 00 N, LONG 82 00 32 W
DRAINAGE AREA, 1 160 km^2
NATURAL FLOW

SYDENHAM RIVER AT FLORENCE - STATION NO. 02GG003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	2408 ON FEB 15 *	1.35 ON AUG 28 *	436 000	1984
				436 000	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SYDENHAM RIVER AT STRATHROY - STATION NO. 02GG005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	1.75	0.352	0.393	0.388	0.454	1.80	4.78	---	1966
1967	1.75	1.08	4.40	4.31	2.10	1.44	1.01	0.833	0.678	3.43	4.04	3.75	2.41	1967
1968	2.42	7.46	4.87	1.87	1.07	2.12	1.16	0.894	0.887	0.881	2.00	2.20	2.27	1968
1969	5.04	2.47	2.44	3.58	2.86	1.18	0.458	0.353	0.383	0.403	1.27	1.12	1.77	1969
1970	0.704	1.31	3.51	3.71	1.11	0.528	0.538	0.247	0.409	0.667	1.33	2.23	1.38	1970
1971	0.983	2.29	5.99	2.03	0.734	0.483	0.272	0.378	0.432	0.828	0.897	1.80	1.37	1971
1972	1.51	0.572	4.49	3.52	1.40	0.648	0.534	0.478	0.598	1.08	2.22	2.41	1.62	1972
1973	4.26	1.50	7.27	2.19	2.08	1.30	0.505	0.453	0.363	0.556	3.26	2.28	2.08	1973
1974	4.33	2.74	4.33	2.83	3.45	0.885	0.530	0.388	0.400	0.488	0.831	0.749	1.82	1974
1975	2.33	3.11	5.40	3.57	0.987	1.18	0.488	0.708	1.01	0.839	0.771	1.48	1.80	1975
1976	1.06	7.77	7.24	2.18	2.74	0.850	1.84	1.77	1.18	1.24	1.71	0.972	2.53	1976
1977	0.710	1.07	8.88	2.83	0.782	0.488	0.385	0.393	1.88	1.57	2.07	5.10	2.27	1977
1978	1.18	1.08	5.71	6.33	1.32	0.705	0.458	0.388	0.524	0.748	0.734	1.14	1.89	1978
1979	1.88	0.708	8.33	6.06	1.43	0.719	0.384	0.331	0.393	0.892	2.08	3.08	1.98	1979
1980	1.30	0.648	4.36	3.06	0.819	0.629	0.443	0.593	0.544	0.823	0.521	1.32	1.28	1980
1981	0.526	6.82	3.08	3.03	1.28	0.742	0.387	0.552	1.55	3.78	2.33	1.75	2.04	1981
1982	2.50	0.883	8.67	6.18	1.27	1.21	0.802	0.742	1.07	1.43	4.44	4.89	2.78	1982
1983	1.85	3.13	1.48	2.88	4.34	1.38	0.839	0.884	0.578	0.428	0.882	2.77	1.74	1983
1984	0.718	5.18	3.94	1.78	1.25	2.09	0.824	0.538	1.82	1.34	2.20	2.84	2.05	1984
MEAN	1.83	2.77	5.14	3.38	1.71	1.07	0.632	0.578	0.770	1.10	1.78	2.48	1.83	MEAN

LOCATION - LAT 42 57 38 N, LONG 81 37 42 W
DRAINAGE AREA, 172 km^2
NATURAL FLOW

SYDENHAM RIVER AT STRATHROY - STATION NO. 02GG005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	21.4 AT 05:30 EST ON OCT 19	19.9 ON OCT 19	0.558 ON SEP 8	76 000	1967
1968	98.1 AT 14:00 EST ON FEB 2 *	76.7 ON FEB 2 *	0.419 ON JUL 30	71 600	1968
1969	37.1 AT 09:46 EST ON JAN 31	32.8 ON JAN 31	0.285 ON AUG 25	55 900	1969
1970	27.7 AT 18:11 EST ON APR 3	21.5 ON APR 3	0.184 ON AUG 11	42 500	1970
1971	32.3 AT 08:27 EST ON MAR 16	28.0 ON MAR 16	0.181 ON AUG 8	43 100	1971
1972	23.7 AT 18:16 EST ON APR 17	16.9 ON APR 17	0.278 ON SEP 1	51 300	1972
1973	33.4 AT 10:37 EST ON JAN 1	26.3 ON JAN 1	0.- ON JUN 22 *	86 000	1973
1974	31.1 AT 16:08 EST ON MAR 5	25.4 ON MAR 5	0.278 ON JUL 23	57 200	1974
1975	36.8 AT 20:20 EST ON MAR 20	27.2 ON MAR 20	0.001 ON AUG 2	56 700	1975
1976	38.8 AT 03:06 EST ON MAR 6	31.1 ON MAR 5	0.269 ON APR 21	80 200	1976
1977	42.2 AT 18:21 EST ON MAR 13	36.8 ON MAR 11	0.082 ON MAY 31	71 600	1977
1978	32.0 AT 09:12 EST ON APR 2	26.9 ON MAR 24	0.144 ON JUL 20	53 400	1978
1979	57.6 AT 12:53 EST ON APR 14	45.2 ON APR 14	0.029 ON AUG 21	62 400	1979
1980	27.7 AT 03:56 EST ON MAR 22	21.1 ON MAR 22	0.132 ON JUL 19	39 800	1980
1981	27.8 AT 06:35 EST ON FEB 24	25.5 ON FEB 20	0 ON JUL 16	84 300	1981
1982	38.9 AT 18:50 EST ON MAR 31	25.6 ON MAR 31	0.244 ON AUG 15	87 100	1982
1983	30.6 AT 08:32 EST ON MAY 3	22.7 ON MAY 3	0.336 ON OCT 11	55 000	1983
1984	54.1 AT 13:16 EST ON FEB 14	45.5 ON FEB 14	0.212 ON AUG 11	64 800	1984
	* - EXTREME RECORDED FOR THE PERIOD OF RECORD			61 100	MEAN

SYDENHAM RIVER NEAR ALVINSTON - STATION NO. 02GG002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1947	---	---	---	---	---	---	---	---	1.15	0.581	0.862	---	---	1947
1948	---	---	21.5	7.24	17.8	1.08	0.914	0.773	0.595	0.584	3.83	1.80	---	1948
1949	10.3	22.1	13.0	5.56	1.49	0.481	1.89	0.700	0.703	4.84	5.54	33.8	8.30	1949
1950	27.0	13.8	25.6	23.8	3.18	1.27	1.18	1.36	1.16	1.54	7.09	20.3	10.5	1950
1951	14.9	26.8	22.0	16.7	3.40	2.85	1.69	0.672	0.891	0.774	4.51	3.94	8.08	1951
1952	28.6	11.1	17.4	15.9	5.06	2.55	1.00	1.18	0.946	0.901	1.27	2.52	7.46	1952
1953	4.29	3.14	15.3	7.75	9.44	8.98	2.70	8.36	0.946	0.741	1.05	1.57	5.38	1953
1954	3.10	27.5	29.9	20.7	5.05	2.22	1.24	1.04	1.53	11.8	7.95	13.1	10.3	1954
1955	14.5	19.4	22.0	8.76	2.80	1.41	0.521	0.857	0.852	1.77	8.35	8.97	7.25	1955
1956	2.94	10.9	31.3	14.9	29.0	4.73	5.38	9.44	4.57	2.40	2.79	8.56	10.5	1956
1957	11.2	14.1	11.6	12.4	7.05	2.15	2.70	1.00	2.22	4.48	10.6	24.2	8.62	1957
1958	3.91	5.47	9.91	4.16	1.92	3.00	1.85	0.707	1.35	0.979	1.89	1.16	3.01	1958
1959	4.09	10.6	26.6	13.4	8.35	3.81	1.22	1.56	1.71	5.06	11.0	18.7	8.75	1959
1960	15.1	13.6	12.4	27.1	14.2	13.7	1.28	1.11	0.797	1.01	1.47	0.956	8.50	1960
1961	0.707	11.1	7.75	13.4	5.91	1.74	1.37	4.83	2.11	1.14	3.50	2.93	4.85	1961
1962	4.03	4.80	21.5	4.69	1.97	1.52	0.709	0.770	0.704	1.88	11.0	7.18	5.07	1962
1963	1.80	1.39	22.1	4.99	5.90	1.55	0.899	0.834	0.662	0.670	1.08	0.937	3.70	1963
1964	3.55	3.48	8.07	9.93	5.79	1.12	0.818	2.91	1.55	1.00	1.04	5.32	3.73	1964
1965	10.4	18.5	18.9	20.1	2.62	1.32	1.14	1.53	0.880	2.78	4.85	15.8	8.18	1965
1966	4.20	13.6	13.1	11.2	4.23	4.90	0.894	0.940	0.926	0.942	3.97	..9	5.53	1966
1967	7.55	4.93	16.4	20.3	8.66	7.02	3.03	1.71	1.32	11.8	15.5	16.7	9.41	1967
1968	..6	31.1	22.4	8.16	2.92	8.79	5.27	2.39	2.12	2.49	7.15	12.3	9.73	1968
1969	13.1	10.8	8.28	14.9	12.2	5.75	1.80	0.948	0.771	0.970	3.58	6.01	6.56	1969
1970	3.01	7.06	19.4	17.1	4.78	1.51	1.78	0.799	0.855	0.998	4.15	8.47	5.81	1970
1971	2.96	17.7	22.5	7.13	2.13	1.21	0.631	0.660	0.783	0.729	1.03	8.18	5.41	1971
1972	5.63	1.74	17.6	20.0	4.37	1.61	1.79	1.87	0.783	2.57	9.55	16.2	7.01	1972
1973	18.5	6.01	36.6	8.06	7.30	4.26	1.22	1.06	0.722	0.898	8.03	11.8	8.61	1973
1974	17.7	12.1	19.1	12.3	15.4	2.67	1.41	0.782	0.771	0.904	2.18	2.87	7.33	1974
1975	13.5	13.7	20.3	15.8	3.29	4.48	1.54	2.58	5.88	1.97	3.27	6.50	7.88	1975
1976	5.98	30.8	24.1	10.3	12.1	2.88	9.87	5.36	2.81	3.00	4.43	3.06	9.46	1976
1977	1.80	4.39	36.9	12.8	2.78	1.40	1.26	0.926	4.02	4.96	7.71	21.8	8.48	1977
1978	3.10	1.72	18.8	23.0	5.12	2.17	1.07	0.898	0.970	1.39	1.88	3.21	5.27	1978
1979	4.11	1.90	24.5	29.8	5.60	2.55	1.17	0.741	0.797	1.32	5.82	14.5	7.75	1979
1980	5.57	2.71	17.7	14.0	3.91	2.56	1.96	1.65	1.88	2.70	1.83	5.55	5.18	1980
1981	1.16	27.8	7.18	11.3	5.17	1.93	0.882	1.77	7.37	17.7	8.82	8.29	8.14	1981
1982	8.82	1.96	46.5	20.1	3.32	3.36	1.12	1.80	2.20	2.56	14.8	21.5	10.8	1982
1983	6.56	12.5	8.32	11.0	18.7	4.80	1.34	3.38	1.43	1.34	6.17	18.1	7.38	1983
1984	1.47	25.6	20.8	8.13	5.41	11.2	3.91	1.68	4.21	2.05	9.47	12.8	8.80	1984
MEAN	8.23	12.4	19.9	13.7	5.98	3.54	1.90	1.93	1.72	2.81	5.50	10.4	7.43	MEAN

LOCATION - LAT 42 49 48 N DRAINAGE AREA, 730 km^2
LONG 81 51 09 W NATURAL FLOW

SYDENHAM RIVER NEAR ALVINSTON - STATION NO. 02GG002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1949	---	105 ON DEC 22	0.481 ON JUN 1	262 000	1949
1950	---	118 ON APR 4	1.13 ON JUN 7	335 000	1950
1951	---	75.9 ON JAN 4	0.396 ON AUG 25	255 000	1951
1952	---	88.2 ON JAN 2	0.736 ON JUL 8	236 000	1952
1953	---	97.7 ON MAY 31	0.651 ON OCT 5	170 000	1953
1954	---	176 ON FEB 17	0.651 ON AUG 8	325 000	1954
1955	---	88.1 ON FEB 28	0.340 ON JUL 13	229 000	1955
1956	---	1[illegible]0 ON MAR 7	1.70 ON OCT 30	335 000	1956
1957	---	102 ON DEC 21	0.821 ON AUG 10	272 000	1957
1958	---	37.5 ON FEB 28	0.595 ON AUG 22	84 800	1958
1959	---	80.9 ON DEC 13	0.5108 ON JAN 19	276 000	1959
1960	---	139 E ON MAR 31	0.7858 ON DEC 21	269 000	1960
1961	---	83.0 ON APR 25	0.5958 ON FEB 1	147 000	1961
1962	---	73.98 ON MAR 14	0.371 ON JUL 21	160 000	1962
1963	---	88.5 ON MAR 27	0.552 ON OCT 5	117 000	1963
1964	---	31.7 ON APR 7	0.521 ON AUG 1	118 000	1964
1965	158 AT 22:00 EST ON MAR 8	130 ON MAR 7	0.708 ON SEP 22	258 000	1965
1966	120 AT 17:30 EST ON DEC 7	100 ON DEC 6	0.595 ON JUL 25	206 000	1966
1967	114 AT 08:00 EST ON APR 3	103 ON APR 3	0.554 ON SEP 15	297 000	1967
1968	237 B AT 17:45 EST ON FEB 2	188 B ON FEB 2	1.40 ON SEP 1	308 000	1968
1969	73.1 AT 16:59 EST ON APR 5	66.6 ON FEB 1	0.705 ON SEP 4	207 000	1969
1970	128 AT 00:32 EST ON APR 3	108 ON APR 3	0.572 ON AUG 17	183 000	1970
1971	---	79.38 ON FEB 28	0.358 ON AUG 9	171 000	1971
1972	134 AT 10:34 EST ON APR 17	114 ON APR 17	0.694 ON SEP 23	222 000	1972
1973	128 AT 00:00 EST ON JAN 1	104 ON MAR 12	0.603 ON SEP 14	272 000	1973
1974	104 AT 16:48 EST ON MAR 5	96.6 ON MAR 5	0.078 ON AUG 31 *	231 000	1974
1975	99.1 AT 19:37 EST ON APR 19	83.5 ON FEB 24	0.858 ON AUG 3	248 000	1975
1976	---	105 B ON FEB 19	1.57 ON SEP 9	299 000	1976
1977	107 AT 16:30 EST ON MAR 10	96.3 ON MAR 10	0.756 ON JUL 29	267 000	1977
1978	---	80.48 ON MAR 24	0.541 ON JUL 22	186 000	1978
1979	238 AT 06:31 EST ON APR 14 *	207 ON APR 14 *	0.480E ON JUL 25	244 000	1979
1980	80.0 AT 01:00 EST ON MAR 22	72.2 ON MAR 22	0.700 ON AUG 31	183 000	1980
1981	86.4 AT 10:50 EST ON OCT 2	66.08 ON FEB 20	0.615 ON JUL 18	257 000	1981
1982	158 B AT 13:52 EST ON MAR 14	139 B ON MAR 14	0.648 ON JUL 25	341 000	1982
1983	115 AT 23:02 EST ON MAY 2	84.9 ON MAY 3	0.784 ON JUL 28	232 000	1983
1984	---	169 B ON FEB 14	1.06 ON AUG 28	278 000	1984
				235 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SYDENHAM RIVER NEAR DRESDEN - STATION NO 02GG007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	28.8	33.6	10.4	8.55	4.62	1.91	1.40	14.3	23.5	28.3	---	1967
1968	13.1	54.1	34.3	12.1	5.07	15.0	7.18	3.06	2.27	2.28	7.45	16.4	14.2	1968
1969	24.3	16.6	12.8	26.1	19.1	10.7	3.30	1.23	0.839	1.09	5.84	10.4	11.0	1969
1970	3.63	6.89	21.9	28.9	8.46	3.30	2.45	0.995	1.07	1.26	7.93	13.4	8.15	1970
1971	4.59	22.7	34.2	12.1	2.89	1.72	0.808	0.439	0.739	0.718	1.12	13.0	7.80	1971
1972	10.8	3.43	36.7	31.3	6.53	2.27	2.67	3.42	0.936	3.62	16.8	26.5	12.3	1972
1973	27.1	10.6	59.1	14.8	12.2	5.18	1.50	1.15	0.731	0.678	6.57	16.5	13.5	1973
1974	29.1	20.6	34.9	21.4	25.2	3.37	1.80	0.955	0.820	0.925	2.35	5.01	12.2	1974
1975	25.2	24.5	34.0	23.9	5.09	5.91	1.82	3.56	15.2	2.93	4.82	16.2	13.6	1975
1976	10.5	53.8	38.2	17.4	20.5	4.21	31.8	7.87	3.15	3.47	5.33	3.64	15.7	1976
1977	2.26	6.08	61.5	23.9	4.15	1.66	1.62	1.10	8.77	9.08	13.2	42.3	14.6	1977
1978	5.12	4.33	33.1	40.0	6.77	3.77	1.18	1.13	1.05	1.53	1.93	4.40	8.82	1978
1979	8.26	3.88	34.2	50.6	8.85	3.87	1.61	1.10	0.985	1.57	9.53	26.8	12.6	1979
1980	7.98	3.51	29.3	25.1	6.29	4.75	4.10	4.52	2.92	3.40	2.34	8.14	8.52	1980
1981	1.78	43.8	11.2	18.7	8.56	2.98	1.47	2.12	8.95	31.6	14.3	12.5	12.8	1981
1982	18.7	3.58	67.1	36.7	4.21	6.82	1.62	2.15	3.89	3.77	27.2	37.8	17.9	1982
1983	10.2	20.2	10.1	19.0	30.6	7.44	2.36	6.06	1.88	1.83	10.6	27.0	12.2	1983
1984	3.46	50.1	38.7	14.6	---	---	---	---	---	---	---	---	---	1984
MEAN	12.1	20.6	34.6	24.9	10.7	5.43	3.67	2.52	3.13	4.98	9.67	18.3	12.2	MEAN

LOCATION - LAT 42 35 38 N DRAINAGE AREA, 1 240 km^2
LONG 82 06 31 W NATURAL FLOW

REMARKS - STATION DISCONTINUED MAY 3 1984

SYDENHAM RIVER NEAR DRESDEN - STATION NO. 02GG007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	144 AT 02:30 EST ON DEC 23	137 ON DEC 23	---	---	1967
1968	3268 AT 12:30 EST ON FEB 3 *	317 B ON FEB 3 *	0.949 ON JUN 24	449 000	1968
1969	1178 AT 14:26 EST ON FEB 1	113 B ON FEB 1	0.765E ON SEP 16	348 000	1969
1970	155 AT 03:29 EST ON APR 4	148 ON APR 4	0.843E ON SEP 10	258 000	1970
1971	---	94.65 ON FEB 28	0 289 ON AUG 14 *	248 000	1971
1972	132 AT 12:45 EST ON APR 18	126 ON APR 18	0 784 ON SEP 7	389 000	1972
1973	144 AT 23:41 EST ON MAR 12	133 ON MAR 13	0 617 ON SEP 12	427 000	1973
1974	129 AT 08:57 EST ON MAR 6	126 ON MAR 6	0 718 ON SEP 4	385 000	1974
1975	137 AT 12:21 EST ON FEB 25	132 ON FEB 25	0 900 ON AUG 2	428 000	1975
1976	---	159 B ON FEB 19	1 51 ON SEP 8	488 000	1976
1977	147 AT 07:00 EST ON MAR 14	145 ON MAR 14	0 801 ON JUL 31	460 000	1977
1978	---	130 B ON MAR 24	0 651 ON SEP 11	272 000	1978
1979	257 AT 06:31 EST ON APR 15	245 ON APR 15	0 658 ON SEP 13	389 000	1979
1980	119 AT 21:51 EST ON MAR 22	110 ON MAR 22	1 14 ON AUG 31	270 000	1980
1981	1398 AT 16:59 EST ON FEB 20	136 B ON FEB 21	0 943 ON JUL 18	408 000	1981
1982	187 AT 00:01 EST ON MAR 18	185 B ON MAR 17	1 01 ON JUL 28	585 000	1982
1983	142 AT 02:58 EST ON MAY 4	131 ON MAY 4	0 984 ON SEP 15	385 000	1983
1984	271 AT 10:41 EST ON FEB 15	262 ON FEB 15	---	---	1984
				386 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SYDENHAM RIVER NEAR OWEN SOUND - STATION NO 02FB007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	0 640	0 771	0 850	1 18	1 80	1 58	---	1915
1916	5 19	3 84	4 33	10 5	4 29	4 65	1 10	0 839	0 548	0 771	1 09	3 18	3 34	1916
1917	1 36	1 13	6 03	7 88	2 84	2 62	5 64	1 07	0 702	1 17	1 32	1 43	2 78	1917
1918	3 67	2 16	9 65	5 63	2 32	1 11	0 646	0 450	0 537	0 676	1 80	3 82	2 80	1918
1919	2 81	2 06	7 89	4 20	3 11	0 925	0 553	0 481	0 434	0 894	2 16	3 22	2 37	1919
1920	1 82	2 23	14 4	5 95	2 35	1 15	0 986	0 603	0 481	0 858	3 00	3 86	3 13	1920
1921	6 58	2 31	9 75	4 11	2 44	2 81	1 18	0 905	0 816	1 10	1 48	4 06	3 14	1921
1922	1 78	1 72	8 81	8 55	2 08	0 971	1 25	0 501	0 548	0 542	0 719	0 763	2 42	1922
1923	0 880	0 588	5 46	9 77	4 77	1 43	0 575	0 394	0 450	0 402	0 726	1 58	2 24	1923
1924	1 69	1 85	4 82	8 71	5 69	2 54	1 26	1 85	0 888	0 883	0 880	2 81	2 71	1924
1925	0 846	4 03	7 88	4 55	1 53	1 10	0 873	0 573	0 504	0 758	2 84	2 43	2 32	1925
1926	2 12	1 73	3 07	9 35	4 76	2 43	0 789	0 850	0 781	1 19	---	---	---	1926
1945	---	---	---	---	---	---	---	---	---	1 38	1 36	---	---	1945
1946	---	---	7 46	1 81	1 38	0 816	0 374	0 248	0 326	0 337	0 826	1 22	---	1946
1947	---	---	---	16 7	6 55	2 22	1 40	0 883	0 325	0 334	0 658	1 87	---	1947
1948	---	---	12 4	4 25	2 20	0 765	0 358	0 220	0 140	0 287	0 883	0 818	---	1948
1949	4 82	1 55	7 35	3 85	1 05	0 427	0 226	0 188	0 145	0 288	0 383	4 14	2 02	1949
1950	5 55	2 88	7 38	10 2	1 72	1 31	0 872	0 643	0 784	0 851	2 77	4 18	3 22	1950
1951	6 84	5 38	8 43	12 2	3 19	0 848	1 12	1 15	1 04	3 94	6 81	4 81	4 64	1951
1952	8 67	6 42	8 07	10 6	2 41	0 988	0 282	0 429	0 840	0 375	1 04	2 67	3 38	1952
1953	2 09	2 41	6 05	3 10	3 19	2 85	2 49	0 640	0 888	0 789	0 810	1 60	2 15	1953
1954	1 50	5 05	9 06	7 59	1 94	1 30	0 318	0 882	3 00	9 94	3 20	1 89	3 78	1954
1955	2 82	4 36	7 70	7 37	1 88	0 988	0 310	0 214	0 147	0 471	1 31	1 27	2 36	1955
1956	1 12	1 03	2 72	8 57	3 52	2 86	1 48	1 84	2 29	1 63	1 87	3 58	2 63	1956
1957	2 42	2 88	4 48	4 20	1 80	1 03	1 40	0 407	2 50	3 13	4 68	6 34	2 95	1957
1958	2 15	1 87	3 25	3 68	0 874	0 784	0 277	0 239	0 302	0 385	0 825	0 903	1 32	1958
1959	1 19	1 20	4 48	11 9	3 88	1 06	0 587	0 497	0 537	1 04	4 48	3 37	2 85	1959
1960	2 78	2 58	1 88	10 9	7 40	2 12	0 880	0 633	0 826	0 717	1 88	0 979	2 75	1960
1961	1 23	2 23	7 98	4 68	2 84	1 63	0 812	0 748	1 18	0 953	2 70	4 17	2 89	1961
1962	1 76	3 28	6 81	6 04	1 76	0 775	0 521	0 387	0 434	0 720	0 891	1 87	2 10	1962
1963	1 10	0 863	5 92	4 14	4 84	1 78	0 557	0 711	0 420	0 345	0 737	0 700	1 85	1963
1964	2 28	2 25	6 21	1 78	1 31	0 484	0 284	0 300	0 248	0 388	0 810	1 87	1 81	1964
1965	1 82	5 13	2 88	13 2	2 90	0 781	0 512	0 482	0 484	1 05	1 78	4 78	2 95	1965
1966	4 00	5 38	5 88	3 44	1 77	0 934	0 389	0 326	0 318	0 358	0 988	3 88	2 24	1966
1967	2 88	2 44	3 47	8 76	1 87	2 38	1 85	0 779	0 787	2 27	6 83	6 83	3 28	1967
1968	2 35	7 34	7 41	4 81	2 87	1 28	0 648	1 13	0 983	1 01	3 18	4 73	3 03	1968
1969	4 46	4 87	4 83	11 1	5 58	3 18	1 85	1 04	0 878	1 33	2 84	2 48	3 81	1969
1970	1 58	1 85	2 70	10 8	2 78	1 04	1 50	0 808	1 15	1 83	2 15	3 00	2 57	1970
1971	2 23	2 33	6 18	12 1	2 87	1 29	0 978	0 818	0 820	0 630	1 15	2 73	2 78	1971
1972	2 71	2 71	3 02	14 2	3 78	1 78	1 73	1 27	0 701	1 38	2 22	3 08	3 20	1972
1973	6 43	3 58	7 45	6 81	2 85	1 78	0 838	0 818	0 424	0 878	3 04	2 98	3 12	1973
1974	4 77	2 83	8 32	7 52	3 77	1 71	0 788	0 788	0 828	2 20	4 33	2 71	3 23	1974
1975	3 90	3 18	8 27	10 7	2 78	1 18	0 727	0 837	0 800	0 858	1 33	2 78	2 92	1975
1976	1 78	5 08	14 2	6 35	2 84	1 17	2 08	1 48	1 83	1 83	4 13	2 88	3 82	1976
1977	1 72	1 48	12 0	6 33	1 48	0 838	0 807	1 08	1 88	5 40	8 85	4 82	3 81	1977
1978	2 78	1 84	3 48	11 8	3 84	1 25	0 788	0 732	1 87	1 73	2 33	2 88	3 88	1978
1979	3 28	2 41	14 3	9 82	3 80	1 40	0 838	1 81	1 38	2 44	3 78	7 84	4 42	1979
1980	4 88	1 88	7 15	6 25	2 83	3 48	5 24	3 29	2 03	2 78	3 12	4 78	3 98	1980
1981	1 38	9 27	4 83	4 60	3 84	1 78	1 21	0 847	1 88	2 31	2 88	2 87	3 04	1981
1982	2 31	1 14	1 81	13 8	3 25	3 28	1 22	1 31	1 04	1 15	3 10	6 21	3 22	1982
1983	3 82	3 78	4 08	4 13	4 85	2 01	0 782	0 718	1 03	1 20	2 30	2 82	2 80	1983
1984	1 88	9 27	5 61	5 28	2 88	1 48	0 788	0 808	1 01	0 980	3 78	4 73	3 13	1984
MEAN	2 98	3 09	6 52	7 88	2 84	1 98	1 08	0 743	0 878	1 38	3 32	3 08	3 89	MEAN

LOCATION - LAT 44 31 21 N
LONG 80 55 51 W
DRAINAGE AREA, 181 km^2
NATURAL FLOW

SYDENHAM RIVER NEAR OWEN SOUND - STATION NO 02FB007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	24.2 ON APR 1	0.425 ON SEP 8	106 000	1916
1917	---	20.0 ON MAR 27	0.453 ON JAN 20	87 800	1917
1918	---	23.2 ON MAR 22	0.085 ON FEB 8	88 100	1918
1919	---	27.8 ON MAR 18	0.340 ON AUG 8	74 700	1919
1920	---	36.8 ON MAR 16	0.368 ON SEP 23	98 900	1920
1921	---	16.3 ON MAR 21	0.510 ON AUG 30	89 200	1921
1922	---	20.4 ON MAR 14	0.311 ON AUG 20	76 400	1922
1923	---	25.2 ON APR 8	0.311 ON AUG 12	70 500	1923
1924	---	25.2 ON APR 8	0.538 ON SEP 24	85 800	1924
1925	---	11.4 ON MAR 27	0.453 ON AUG 18	73 200	1925
1926	---	22.2 ON APR 23	---	---	1926
1945	---	---	---	---	1945
1946	---	24.4 ON MAR 8	0.085 ON AUG 6	---	1946
1947	---	67.7 ON APR 12 *	0.198 ON SEP 7	---	1947
1948	---	58.9 ON MAR 20	0.085 ON AUG 24	---	1948
1949	---	25.6 ON MAR 28	0.057 ON SEP 16	63 700	1949
1950	---	41.3 ON MAR 28	0.283 ON JUL 16	102 000	1950
1951	---	22.7 ON MAR 31	0.283 ON AUG 12	146 000	1951
1952	---	21.2 ON APR 15	0.028 ON JUL 17 *	106 000	1952
1953	---	10.2 ON MAR 17	0.283 ON AUG 30	67 800	1953
1954	---	42.8 ON OCT 16	0.028 ON JUL 25	119 000	1954
1955	---	18.1 ON MAR 12	0.085 ON SEP 28	75 100	1955
1956	---	35.7 ON APR 5	0.425 ON JUL 31	83 200	1956
1957	---	16.8 ON DEC 22	0.255 ON SEP 1	93 000	1957
1958	---	8.83 ON MAR 30	0.170 ON AUG 18	41 600	1958
1959	28.2 AT 12:00 EST ON APR 6	28.0 ON APR 6	0.283 ON JUL 8	89 800	1959
1960	---	40.2 ON APR 4	0.396 ON OCT 8	87 000	1960
1961	---	17.6 ON DEC 10	0.142 ON AUG 22	81 600	1961
1962	---	34.0 ON MAR 30	0.142 ON AUG 13	66 300	1962
1963	---	27.7 E ON MAR 28	0.184 ON NOV 5	58 500	1963
1964	---	18.1 ON MAR 8	0.170 ON SEP 21	47 700	1964
1965	49.6 AT 18:30 EST ON APR 12	37.4 ON APR 12	0.345 ON AUG 2	92 900	1965
1966	28.2 AT 19:30 EST ON FEB 11	20.3 ON FEB 11	0.226 ON SEP 12	70 700	1966
1967	35.7 AT 15:00 EST ON APR 2	31.4 ON APR 2	0.473 ON SEP 16	103 000	1967
1968	47.38 AT 09:45 EST ON FEB 3	41.3 E ON FEB 3	0.402 ON AUG 15	85 700	1968
1969	39.6 AT 08:43 EST ON APR 6	24.6 ON APR 6	0.518 ON SEP 4	114 000	1969
1970	27.0 AT 03:35 EST ON APR 16	25.3 ON APR 15	0.425 ON AUG 29	81 100	1970
1971	25.3 AT 21:00 EST ON APR 13	23.8 ON APR 13	0.391 ON AUG 20	67 700	1971
1972	45.3 AT 07:55 EST ON APR 15	43.6 ON APR 15	0.476 ON SEP 24	101 000	1972
1973	27.2 AT 17:24 EST ON JAN 1	23.8 ON JAN 1	0.354 ON SEP 14	98 300	1973
1974	33.4 AT 16:19 EST ON APR 4	27.6 ON APR 5	0.439 ON AUG 23	103 000	1974
1975	59.5 AT 14:04 EST ON APR 19 *	49.0 ON APR 19	0.530 ON AUG 21	82 000	1975
1976	46.4 AT 11:58 EST ON MAR 21	42.2 ON MAR 21	0.739 ON AUG 25	114 000	1976
1977	---	43.9 E ON MAR 14	0.487 ON JUL 26	120 000	1977
1978	21.4 AT 05:05 EST ON APR 12	20.8 ON APR 12	0.572 ON AUG 14	84 400	1978
1979	32.7 AT 00:01 EST ON DEC 26	29.0 ON DEC 26	0.651 ON AUG 1	139 000	1979
1980	31.7 AT 02:55 EST ON MAR 22	30.4 ON MAR 22	0.829 ON JUL 14	125 000	1980
1981	36.28 AT 14:08 EST ON FEB 20	34.1 E ON FEB 20	0.550E ON JUL 31	95 900	1981
1982	66.5 AT 15:00 EST ON APR 1	53.5 E ON APR 1	0.776 ON SEP 13	102 000	1982
1983	10.3 AT 13:45 EST ON MAY 9	9.92 ON MAY 9	0.576 ON SEP 13	82 100	1983
1984	39.6 AT 05:27 EST ON FEB 15	37.0 E ON FEB 15	0.520 ON AUG 26	98 900	1984
				91 100	MEAN

E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD

TAY RIVER AT PORT ELMSLEY - STATION NO 02LA016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	3.40	4.24	4.22	4.86	4.70	15.6	---	1982
1983	15.4	12.3	11.1	19.1	24.8	8.46	3.37	4.19	3.77	3.76	7.78	15.1	10.5	1983
1984	10.1	10.8	17.0	36.0	16.8	4.82	3.82	3.82	3.83	3.40	3.71	3.23	10.3	1984
MEAN	12.8	16.1	14.1	27.6	21.8	5.04	3.53	4.08	3.81	3.71	5.07	11.3	10.4	MEAN

LOCATION - LAT 44 53 34 N LONG 76 07 25 W DRAINAGE AREA, 766 km^2 REGULATED

REMARKS - GAUGE OPERATIONAL JUN 17 1982

TAY RIVER AT PORT ELMSLEY - STATION NO. 02LA016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1982	---	---	---	---	1982
1983	37.8 AT 13:33 EST ON MAY 10	36.3 ON MAY 10	1.59 ON NOV 1 *	331 000	1983
1984	68.3 AT 21:15 EST ON APR 7 *	64.6 ON APR 7 *	2.13 ON NOV 3	328 000	1984
				329 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TAY RIVER BELOW BOBS LAKE - STATION NO 02LA017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	5 26	5 19	8 98	9 07	7 70	2 43	4 36	2 20	2 22	1 92	1 99	1 84	4 50	1984
MEAN	5 26	5 19	8 98	9 07	7 70	2 43	4 36	3 20	2 22	1 92	1 99	1.94	4 50	MEAN

LOCATION - LAT 44 45 36 N DRAINAGE AREA, 357 km²
LONG 76 31 17 W REGULATED

REMARKS - STATION DISCONTINUED JUN 30 1985

TAY RIVER BELOW BOBS LAKE - STATION NO 02LA017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	12 4 AT 17 13 EST ON APR 30 *	12 0 ON APR 22 *	1 20 ON JUN 11 *	145 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		145 000	MEAN

TAY RIVER NEAR GLEN TAY - STATION NO 02LA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	1 95	2 04	1 57	2 17	2 78	---	1915
1916	4 46	4 34	10 0	14 4	14 1	21 3	10 3	5 59	4 21	2 08	1 99	1 38	7 84	1916
1917	1 52	1 94	8 02	7 80	3 40	3 56	3 61	4 62	3 37	4 22	4 53	4 48	4 28	1917
1918	1 80	4 79	17 8	13 7	5 13	5 29	6 07	5 26	5 57	5 77	6 64	7 41	7 18	1918
1919	7 12	5 89	10 8	12 2	17 8	13 5	8 39	7 38	5 63	---	---	---	---	1919
1920	---	---	---	---	---	---	---	---	---	3 38	2 46	3 44	---	1920
1921	3 34	3 07	13 9	9 18	9 63	4 32	4 59	4 14	4 24	2 63	4 11	4 46	5 67	1921
1922	2 75	2 81	14 9	13 5	10 7	6 57	4 91	4 26	4 71	4 58	3 34	3 48	6 41	1922
1923	2 89	2 64	3 14	10 8	2 81	4 02	3 51	3 39	3 21	2 78	2 27	3 71	3 75	1923
1924	3 16	6 36	11 3	10 4	12 0	8 05	3 75	3 46	3 41	4 40	3 30	2 69	6 02	1924
1925	1 76	10 4	18 3	12 0	6 12	4 65	4 50	3 42	4 34	3 80	6 53	8 10	6 86	1925
1926	7 28	5 49	7 36	21 5	13 1	6 49	5 41	4 71	4 48	5 57	---	---	---	1926
MEAN	3 61	4 76	11 8	12 6	9 50	7 59	5 50	4 38	4 22	3 73	3 74	4 20	6 02	MEAN

LOCATION - LAT 44 52 37 N DRAINAGE AREA, 526 km² DATA CONTRIBUTED BY -
LONG 76 18 06 W REGULATED ONTARIO HYDRO

TAY RIVER NEAR GLEN TAY - STATION NO 02LA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	40 2 ON MAR 31	1 08 ON DEC 15 *	248 000	1916
1917	---	40 2 ON MAR 27	1 08 ON JAN 29	135 000	1917
1918	---	37 4 ON MAR 24	1 33 ON JAN 1	227 000	1918
1919	---	34 8 ON MAY 23	---	---	1919
1920	---	---	---	---	1920
1921	---	40 5 ON MAR 8	1 88 ON OCT 26	178 000	1921
1922	---	43 9 ON MAR 9	1 60 ON DEC 29	202 000	1922
1923	---	34 3 ON APR 7	1 27 ON JUN 4	118 000	1923
1924	---	28 2 ON APR 7	1 938 ON DEC 31	180 000	1924
1925	---	45 6 ON MAR 20	1 568 ON JAN 27	220 000	1925
1926	---	47 9 ON APR 23 *	---	---	1926
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		180 000	MEAN

TEESWATER RIVER NEAR PAISLEY - STATION NO 02FC015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1972	9 05	8 34	11 4	44 0	10 1	5 65	7 27	3 08	1 77	3 84	8 28	13 8	10 2	1972
1973	31 8	9 80	28 6	14 4	6 39	3 86	1 93	1 63	0 675	1 20	3 96	5 05	9 33	1973
1974	10 0	10 5	23 7	22 8	15 0	4 73	1 84	1 85	1 27	2 44	8 08	8 58	9 04	1974
1975	12 4	12 4	24 8	31 4	9 57	3 68	1 88	4 97	5 94	5 00	8 24	10 2	11 4	1975
1976	9 29	22 4	61 1	20 0	10 4	3 56	4 37	1 91	2 48	3 97	7 89	5 57	13 7	1976
1977	3 87	5 27	54 3	20 3	3 78	2 04	1 70	7 74	7 01	14 7	15 1	13 8	12 6	1977
1978	7 81	5 78	11 6	35 7	8 69	4 63	1 88	1 78	8 23	8 63	8 04	8 61	8 56	1978
1979	8 20	5 92	40 0	38 3	10 1	2 67	2 92	2 34	1 34	5 13	9 92	20 4	12 2	1979
1980	8 80	3 84	20 2	36 8	8 35	4 21	2 98	2 45	2 79	8 74	7 31	11 8	8 88	1980
1981	4 40	35 0	26 8	14 4	10 0	3 60	2 43	2 78	5 72	8 62	8 28	8 57	10 6	1981
1982	8 22	3 37	21 8	45 2	8 25	14 2	3 48	4 10	3 47	3 41	13 0	26 3	12 4	1982
1983	11 8	14 8	11 5	13 2	11 4	4 80	2 78	3 22	4 15	5 13	8 33	11 4	8 36	1983
1984	8 21	36 0	22 8	17 1	10 0	5 78	2 67	1 80	2 67	2 65	10 6	12 3	10 9	1984
MEAN	10 0	13 4	27 8	27 0	9 39	4 80	2 94	3 03	3 52	5 17	8 31	12 3	10 8	MEAN

LOCATION - LAT 44 16 07 N DRAINAGE AREA, 663 km²
LONG 81 16 09 W NATURAL FLOW

TEESWATER RIVER NEAR PAISLEY - STATION NO. 02FC015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1972	105 AT 21:08 EST ON APR 18	95.7 ON APR 18	1.39 ON SEP 19	322 000	1972
1973	78.3 AT 00:00 EST ON JAN 1	56.9 ON JAN 3	0.837 ON OCT 7 *	284 000	1973
1974	80.4 AT 23:47 EST ON MAR 3	68.0 ON MAR 7	0.874 ON SEP 11	285 000	1974
1975	108 E AT 04:00 EST ON APR 18	76.7 ON APR 21	1.08 ON AUG 20	381 000	1975
1976	138 AT 04:40 EST ON MAR 21	104 ON MAR 21	1.18 ON AUG 31	402 000	1976
1977	142 AT 20:30 EST ON MAR 15 *	124 ON MAR 15 *	0.923 ON JUL 30	386 000	1977
1978	88.8 AT 19:45 EST ON APR 7	63.7 ON APR 11	1.23 ON SEP 2	270 000	1978
1979	81.8 AT 00:08 EST ON MAR 25	79.1 ON MAR 25	0.807 ON SEP 29	383 000	1979
1980	80.8 AT 07:21 EST ON APR 4	74.1 ON APR 4	1.60 ON AUG 27	306 000	1980
1981	133 AT 16:08 EST ON FEB 23	117 ON FEB 23	1.47 ON JUL 25	335 000	1981
1982	119 AT 16:56 EST ON MAR 31	107 ON MAR 31	2.07 ON JUL 24	381 000	1982
1983	31.6 AT 01:53 EST ON JAN 11	26.3 ON JAN 11	1.30 ON SEP 10	284 000	1983
1984	---	80.08 ON FEB 14	1.02 ON AUG 18	345 000	1984
				335 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TEMAGAMI RIVER AT CROSS LAKE DAM - STATION NO. 02DC007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	---	---	---	1.87	0	0	---	11.9	0.858	0	---	1938
1939	---	---	---	---	---	10.4	0	4.76	7.14	0	0.873	17.1	---	1939
1940	19.8	16.1	18.0	3.86	---	13.4	8.58	0	26.9	1.14	0.617	11.3	---	1940
1941	26.5	41.0	28.9	32.2	15.1	0	22.7	8.22	0.444	7.61	47.2	20.5	20.6	1941
1942	23.0	28.4	29.9	25.4	0	0	0	0	3.20	9.43	11.7 R	5.66	11.3 R	1942
1943	18.6	26.0	18.9	20.3	6.52	27.2	4.90	0	12.7	11.4	0	3.15	12.3	1943
1944	29.1	24.3	13.0	5.11	0	0	0	0	0	0	0.440	15.4	7.25	1944
1945	23.0	24.0	18.5	0	2.32	30.2	0	0	5.51	10.5	21.1	26.2	13.4	1945
1946	28.3	24.5	14.5	0	4.34	5.19	1.24	11.4	0	17.7	18.6	5.97	11.0	1946
1947	21.8	25.4	19.4	4.97	43.1	71.0	20.6	8.13	0	9.36	27.5	23.0	22.6	1947
1948	13.1	10.1	6.80	0	7.78	0.976	0	0	12.0	18.0	0	9.22	6.52	1948
1949	18.6	18.4	15.3	5.23	18.1	24.0	12.7	4.17	20.6	14.2	19.3	18.7	15.2	1949
1950	15.3	15.3	15.1	0	0	1.45	6.87	5.85	5.41	4.80	5.07	27.8	8.87	1950
1951	20.0	14.8	13.3	0	15.8	13.2	11.7	12.8	2.15	24.8	50.1	37.5	16.2	1951
1952	28.7	27.6	25.7	2.27	0.022	26.7	4.02	0.210	0.187	0.698	0	0.530	9.73	1952
1953	13.8	31.7	28.5	15.5	15.4	12.9 R	2.36	12.6	15.3	4.85	0	0	13.0 R	1953
1954	9.88	21.4	3.88	0	0	46.6	13.8	13.0	0	0	8.50	24.5	11.7	1954
1955	20.7	25.5	26.2	10.8	0	10.9	2.08	0	0	0	7.72	8.13	8.28	1955
1956	26.5	26.2	22.5	0	8.36	31.9	14.7	5.82	12.3	8.66	12.5	13.6	15.2	1956
1957	20.8	25.6	22.7	2.02	0	13.9	44.9	7.41	11.7	0	23.5	17.7	15.8	1957
1958	22.8	29.4	20.1	1.84	10.7	0	0	4.89	22.4	0	0	17.8	10.7	1958
1959	17.6	16.9	16.0	3.41	11.3	21.8	10.8	15.7	1.43	0	20.4	18.0	12.8	1959
1960	25.3	28.0	30.1	15.1	43.8	33.0	36.2	10.7	11.2	10.5	11.2	19.3	23.5	1960
1961	27.7	15.1	0.384	0	16.6	0	0.682	8.08	22.4	3.76	8.03	16.4	10.2	1961
1962	22.9	25.5	28.9	8.89	0	8.66	8.36	0	7.07	8.81	8.58	10.1	11.3	1962
1963	8.18	3.42	0	0	0	1.98	7.09	0	3.82	18.4	12.9	0	4.47	1963
1964	14.4	18.6	6.88	4.85	0	0.017	17.0	16.8	8.03	0	12.4	18.0	9.82	1964
1965	17.3	16.8	16.2	3.85	0	0.187	8.85	12.8	28.4	20.5	24.9	33.1	15.3	1965
1966	33.1	42.7	34.9	0	0	17.8	15.0	12.4	18.0	7.57	1.06	37.1	18.1	1966
1967	31.6	41.0	28.6	17.1	62.1	67.5	25.3	36.4	34.1	7.40	0.510	8.17	28.3	1967
1968	25.5	33.8	16.8	0	0	0	16.5	25.5	25.5	3.62	21.7	17.7	15.8	1968
1969	16.0	26.6	20.5	0	0	15.7	16.2	14.3	20.5	21.1	2.84	10.6	13.8	1969
1970	33.1	41.5	33.6	12.1	2.91	60.2	23.3	20.3	17.5	0.823	8.85	26.9	23.0	1970
1971	34.1	36.5	30.1	16.2	0	0	1.37	15.5	5.62	0.867	4.82	0	11.9	1971
1972	5.87	30.4	37.5	23.7	2.48	14.7	12.7	16.0	22.2	6.20	6.74	13.6	16.0	1972
1973	13.0	11.6	8.71	0.004	14.8	31.4	14.0	5.32	8.68	14.3	13.7	0.402	11.1	1973
1974	22.8	26.7	36.5	15.8	1.42	39.2	19.0	18.2	21.0	4.50	18.7	10.0	18.6	1974
1975	14.8	27.8	36.8	10.6	1.13	13.5	6.96	0	0	0	0	0	9.34	1975
1976	37.2	36.7	16.1	0	32.2	22.6	5.96	13.7	10.4	4.22	0.634	0.480	14.6	1976
1977	17.7	28.5	8.46	0	0.121	12.6	7.70	2.29	2.66	1.61	23.7	10.4	8.97	1977
1978	38.8	34.4	30.8	15.5	0	8.41	5.24	8.84	1.65	24.2	17.7	28.1	17.5	1978
1979	34.9	30.3	16.8	11.7	72.4	32.5	10.6	9.70	9.57	6.72	0.854	18.9	21.2	1979
1980	30.0	47.3	26.8	5.87	38.1	7.31	8.84	2.64	0.320	0.038	6.62	2.02	16.2	1980
1981	35.7	38.8	30.0	28.9	10.5	5.32	26.0	8.30	0.067	0	0	23.8	17.1	1981
1982	28.4	28.5	22.1	9.26	0	0	0	0	5.38	16.3	27.3	30.0	13.6	1982
1983	0	36.5	8.86	3.74	42.1	41.5	11.2	13.2	11.3	5.37	4.58	21.5	16.3	1983
1984	27.8	24.9	18.1	3.42	3.40	43.8	36.7	13.6	13.6	11.8	11.3	11.3	18.4	1984
MEAN	22.7	26.6	20.6	7.83	11.1	17.4 R	11.3	8.47	10.2	7.53	11.1 R	14.6	14.3	MEAN

LOCATION - LAT 46 46 41 N
LONG 79 58 43 W
DRAINAGE AREA, 1 380 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO
R - REVISED SINCE JAN 1980

TEMAGAMI RIVER AT CROSS LAKE DAM - STATION NO. 02DC007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	1938
1939	---	---	---	---	1939
1940	---	---	---	---	1940
1941	---	88.5 ON NOV 3	0 ON MAY 14 *	850 000	1941
1942	---	40.2 ON APR 13	0 ON APR 26	356 000R	1942
1943	---	72.6 ON JUN 16	0 ON MAY 7	389 000	1943
1944	---	32.3 ON JAN 1	0 ON APR 13	229 000	1944
1945	---	71.8 ON MAY 31	0 ON MAR 30	424 000	1945
1946	---	28.2 ON JAN 14	0 ON MAR 23	347 000	1946
1947	---	85.7 ON JUN 16	0 ON JAN 1	713 000	1947
1948	---	31.4 ON MAY 22	0 ON MAR 25	206 000	1948
1949	---	63.1 ON JUN 26	0 ON APR 9	478 000	1949
1950	---	39.6 ON JUL 6	0 ON APR 1	280 000	1950
1951	---	81.2 ON OCT 29	0 ON MAR 29	573 000	1951
1952	---	38.6 ON JUN 13	0 ON APR 5	308 000	1952
1953	---	41.9 ON MAY 11	0 ON APR 16	409 000R	1953
1954	---	74.5 ON JUN 6	0 ON JAN 1	368 000	1954
1955	---	36.2 ON NOV 16	0 ON APR 14	293 000	1955
1956	---	63.1 ON MAY 29	0 ON MAR 29	461 000	1956
1957	---	92.6 ON JUL 1	0 ON APR 4	499 000	1957
1958	---	56.9 ON SEP 20	0 ON MAR 26	336 000	1958
1959	---	53.8 ON JUN 7	0 ON APR 8	402 000	1959
1960	---	98.0 ON JUL 1	0 ON APR 15	743 000	1960
1961	---	45.3 ON SEP 5	0 ON MAR 2	322 000	1961
1962	---	34.8 ON FEB 28	0 ON APR 14	357 000	1962
1963	---	20.1 ON SEP 26	0 ON FEB 21	141 000	1963
1964	---	32.3 ON AUG 1	0 ON JAN 1	311 000	1964
1965	---	77.0 ON SEP 23	0 ON APR 9	482 000	1965
1966	---	70.8 ON DEC 9	0 ON MAR 29	569 000	1966
1967	---	105 ON JUN 14	0 ON APR 18	682 000	1967
1968	---	38.5 ON JAN 25	0 ON MAR 22	502 000	1968
1969	---	43.6 ON SEP 30	0 ON JAN 1	435 000	1969
1970	---	82.7 ON JUN 2	0 ON APR 17	736 000	1970
1971	---	40.2 ON JAN 13	0 ON APR 21	374 000	1971
1972	---	48.7 ON AUG 31	0 ON JAN 1	507 000	1972
1973	---	53.8 ON MAY 18	0 ON MAR 14	369 000	1973
1974	---	81.2 ON NOV 14	0 ON APR 17	585 000	1974
1975	---	53.0 ON FEB 26	0 ON APR 19	295 000	1975
1976	---	55.8 ON MAY 22	0 ON JAN 1	462 000	1976
1977	---	50.4 ON NOV 16	0 ON MAR 16	302 000	1977
1978	---	49.0 ON JAN 16	0 ON APR 21	552 000	1978
1979	---	133 ON APR 29 *	0 ON MAR 30	666 000	1979
1980	---	73.1 ON FEB 2	0 ON APR 9	513 000	1980
1981	---	81.2 ON APR 27	0 ON JAN 1	541 000	1981
1982	---	44.2 ON OCT 22	0 ON APR 15	430 000	1982
1983	---	58.5 ON FEB 16	0 ON JAN 1	513 000	1983
1984	---	80.4 ON JUN 29	2.33 ON MAR 29	580 000	1984
				452 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

YEMAGAMI RIVER AT RED CEDAR LAKE DAM - STATION NO 02DC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	---	---	---	---	9 51	12 3	---	19 2	9 53	17 1	---	1938
1939	18 3	31 0	41 8	26 5	41 8	38 1	0 555	5 29	12 2	11 8	10 5	20 5	21 2	1939
1940	20 5	18 6	21 5	6 10	0 885	25 8	21 5	14 6	40 6	13 5	10 0	13 8	18 2	1940
1941	36 0	46 3	43 0	57 7	29 7	20 5	30 4	19 8	21 2	8 45	71 3	31 4	34 5	1941
1942	33 5	34 3	48 7	40 8	13 3	21 0	9 85	12 8	7 59	5 74	8 73	15 0	20 7	1942
1943	17 3	24 7	32 3	31 8	38 8	36 2	8 74	17 6	13 7	14 7	8 27	14 5	22 1	1943
1944	32 8	28 0	30 5	12 5	22 1	21 3	3 32	0 753	9 31	0 184	1 30	14 1	14 5	1944
1945	23 7	28 8	30 6	10 8	11 5	32 5	9 84	23 7	7 17	12 5	42 0	37 1	22 5	1945
1946	36 5	46 3	36 4	18 4	20 7	30 1	13 4	10 7	15 3	14 8	8 94	14 4	21 9	1946
1947	31 8	37 8	40 8	36 1	101	98 7	42 5	12 2	21 2	24 7	22 9	21 2	40 8	1947
1948	25 0	18 1	13 2	30 7	33 3	20 7	13 7	12 4	---	14 5	3 73	14 7	---	1948
1949	32 7	35 8	41 8	26 2	39 3	34 3	30 3	10 9	17 5	13 5	15 4	13 5	28 4	1949
1950	11 7	15 7	18 5	17 2	10 5	11 0	15 1	17 2	9 91	17 8	11 5	18 8	14 7	1950
1951	30 3	33 2	31 2	46 8	43 2	28 4	30 1	25 8	8 08	53 7	92 5	63 1	40 8	1951
1952	47 3	55 6	40 8	20 8	31 8	47 7	26 2	23 5	18 2	22 4	13 0	29 4	31 0	1952
1953	38 7	52 4	69 5	61 9	31 6	27 7	15 5	24 4	21 1	22 2	11 5	---	---	1953
1954	18 8	20 4	18 5	23 5	27 7	95 6	26 7	22 4	15 1	66 2	38 0	50 4	35 4	1954
1955	40 9	48 3	50 6	17 1	12 4	19 3	19 1	1 02	4 60	4 08	37 2	25 2	23 2	1955
1956	48 2	41 6	45 8	7 09	39 8	57 5	24 5	18 9	11 8	31 2	28 6	30 9	32 2	1956
1957	38 1	43 9	55 2	26 8	18 3	31 7	84 4	30 5	16 5	16 3	82 0	39 6	38 7	1957
1958	46 3	55 1	56 6	3 04	24 1	15 5	5 98	9 61	23 6	16 5	8 10	22 9	24 2	1958
1959	27 8	32 2	32 5	11 8	56 2	33 0	24 4	23 5	17 5	14 4	45 2	41 2	30 0	1959
1960	41 4	53 3	52 4	36 5	130	67 7	79 0	47 2	33 8	34 5	43 2	48 0	55 6	1960
1961	82 8	37 4	25 8	10 6	40 1	27 8	14 2	21 9	29 1	44 9	30 4	34 7	30 8	1961
1962	42 4	60 3	60 0	36 4	36 1	27 0	26 8	11 8	17 3	18 7	15 0	11 9	29 8	1962
1963	20 4	25 8	32 5	15 3	21 2	20 8	23 5	14 4	21 1	36 5	22 9	13 0	22 3	1963
1964	29 2	41 1	36 2	24 8	26 8	21 2	35 5	36 8	34 0	22 3	23 7	27 8	30 3	1964
1965	41 4	42 5	44 8	11 0	41 2	20 4	14 4	32 3	61 7	52 3	45 3	46 9	37 8	1965
1966	50 4	65 8	65 9	10 5	28 2	38 5	35 6	20 4	30 8	12 9	30 8	87 0	39 6	1966
1967	56 8	77 0	82 9	63 7	88 8	80 9	40 8	45 4	41 9	22 8	38 6	37 2	54 5	1967
1968	59 8	61 6	83 7	0 741	20 6	28 5	28 8	61 2	36 5	17 4	34 4	26 9	36 6	1968
1969	43 9	52 0	59 1	19 1	42 7	52 7	39 6	40 0	53 8	22 4	30 1	33 3	40 7	1969
1970	52 1	65 3	56 9	20 8	54 3	98 2	65 9	38 0	23 0	16 4	21 9	36 0	44 6	1970
1971	42 4	46 4	43 0	39 6	30 0	20 3	15 3	37 8	20 5	12 6	3 86	9 92	28 7	1971
1972	20 0	51 5	62 6	33 6	61 6	24 6	34 1	51 2	54 9	30 1	28 6	38 9	41 8	1972
1973	47 0	46 2	38 1	23 2	57 9	51 3	31 5	18 2	20 9	29 8	21 3	25 8	34 2	1973
1974	38 7	42 8	40 4	29 3	37 0	31 6	12 9	21 1	15 7	0	32 4	7 56	25 8	1974
1975	28 2	51 6	56 4	28 0	30 9	25 9	14 2	3 67	4 48	14 5	1 79	24 8	24 4	1975
1976	61 7	66 7	46 1	28 1	72 0	32 3	20 2	21 8	15 8	19 6	8 84	3 54	32 1	1976
1977	24 0	36 1	35 7	24 3	19 0	15 7	15 6	7 61	18 7	22 8	53 7	41 1	26 1	1977
1978	63 1	60 6	41 0	30 2	30 2	18 7	16 1	17 2	14 0	68 5	35 3	42 6	35 4	1978
1979	47 4	52 6	41 5	65 5	132	36 2	12 1	26 9	24 9	16 8	13 8	35 4	42 1	1979
1980	46 3	49 1	35 6	36 4	66 5	20 3	18 0	14 1	10 0	33 0	29 9	31 3	32 4	1980
1981	48 8	61 8	63 9	90 5	26 1	27 7	39 2	14 6	12 2	16 7	21 5	49 2	38 5	1981
1982	42 0	47 1	40 8	61 0	9 83	0 724	0 011	1 18	8 19	40 5	48 3	57 1	29 6	1982
1983	45 1	50 8	28 7	11 1	66 8	58 1	14 3	18 3	12 0	10 8	15 4	31 5	31 5	1983
1984	35 8	61 5	49 8	21 8	13 6	75 6	47 3	19 9	21 6	18 2	32 3	33 9	34 0	1984
MEAN	37 5	44 7	43 3	28 3	40 2	36 4	24 8	20 7	21 1	22 8	28 5	30 3	31 8	MEAN

LOCATION - LAT 46 40 45 N
LONG 79 59 42 W

DRAINAGE AREA - 2 360 km²
REGULATED

DATA CONTRIBUTED BY -
ONTARIO HYDRO

TEMAGAMI RIVER AT RED CEDAR LAKE DAM - STATION NO 02DC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	1938
1939	---	69 2 ON MAY 7	0 028 ON JUL 17	671 000	1939
1940	---	69 9 ON SEP 12	0 ON APR 24 *	577 000	1940
1941	---	123 ON APR 25	0 ON OCT 5	1 090 000	1941
1942	---	74 8 ON MAR 18	0 ON SEP 23	852 000	1942
1943	---	84 7 ON MAY 8	0 283 ON NOV 10	898 000	1943
1944	---	45 3 ON MAY 15	0 ON APR 19	483 000	1944
1945	---	76 2 ON JUN 2	0 ON SEP 15	708 000	1945
1946	---	53 8 ON FEB 13	0 ON JUL 22	891 000	1946
1947	---	139 ON JUN 21	0 028 ON NOV 13	1 290 000	1947
1948	---	---	---	---	1948
1949	---	118 ON JUN 27	0 ON APR 24	832 000	1949
1950	---	37 1 ON JUL 8	0 ON MAY 18	462 000	1950
1951	---	131 ON OCT 28	0 ON APR 11	1 280 000	1951
1952	---	66 3 ON JUN 9	0 ON APR 18	882 000	1952
1953	---	---	---	---	1953
1954	---	133 ON JUN 7	0 ON MAR 4	1 120 000	1954
1955	---	82 4 ON NOV 5	0 ON MAY 14	730 000	1955
1956	---	91 2 ON JUN 2	0 ON APR 10	1 020 000	1956
1957	---	149 ON JUL 5	0 ON JUN 4	1 220 000	1957
1958	---	81 8 ON JAN 1	0 ON APR 4	762 000	1958
1959	---	85 8 ON MAY 13	0 ON APR 15	945 000	1959
1960	---	181 ON MAY 11	0 311 ON APR 23	1 780 000	1960
1961	---	71 1 ON MAY 14	0 ON APR 15	970 000	1961
1962	---	87 8 ON MAR 8	0 ON APR 26	941 000	1962
1963	---	47 8 ON SEP 4	0 ON APR 3	703 000	1963
1964	---	75 0 ON APR 7	0 ON APR 16	957 000	1964
1965	---	141 ON SEP 24	0 ON APR 14	1 190 000	1965
1966	---	119 ON DEC 5	0 ON APR 12	1 250 000	1966
1967	---	144 ON JUN 17	0 585 ON NOV 4	1 720 000	1967
1968	---	88 8 ON FEB 1	0 ON APR 2	1 180 000	1968
1969	---	79 0 ON MAR 25	0 ON APR 15	1 280 000	1969
1970	---	159 ON JUN 6	0 ON APR 18	1 410 000	1970
1971	---	83 5 ON APR 1	0 ON APR 21	842 000	1971
1972	---	122 ON MAY 10	0 057 ON APR 27	1 220 000	1972
1973	---	95 7 ON MAY 19	3 91 ON MAR 29	1 080 000	1973
1974	---	83 0 ON NOV 4	0 ON OCT 1	808 000	1974
1975	---	76 2 ON MAR 1	0 ON APR 28	769 000	1975
1976	---	113 ON MAY 19	0 ON APR 15	1 020 000	1976
1977	---	72 5 ON NOV 12	0 ON JAN 1	822 000	1977
1978	---	147 ON OCT 13	0 ON APR 20	1 120 000	1978
1979	---	272 ON APR 30 *	3 43 ON NOV 7	1 330 000	1979
1980	---	112 ON MAY 14	0 311 ON APR 10	1 020 000	1980
1981	---	142 ON APR 20	3 57 ON APR 3	1 240 000	1981
1982	---	90 0 ON APR 25	0 ON JUL 5	933 000	1982
1983	---	113 ON MAY 10	0 ON APR 14	998 000	1983
1984	---	95 7 ON JUN 30	3 20 ON OCT 8	1 080 000	1984
				998 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TEMAGAMI RIVER NEAR RIVER VALLEY - STATION NO 02DC005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	---	---	---	---	---	---	---	---	---	---	---	39 1 R	---	1941
1942	36 6R	36 6R	49 0R	58 9	21 5	29 7	13 8	18 9	9 67	6 99	9 52	18 3 R	25 7R	1942
1943	34 2R	32 1R	41 2R	42 6	56 3	49 4	17 3	21 9	24 3	16 9	14 9	18 8 R	30 1R	1943
1944	37 8R	34 0R	37 1R	23 9	30 2	28 6	8 87	6 37	14 2	5 74	5 60	20 5 R	20 9R	1944
1945	32 7R	40 8R	51 7R	15 8	26 7	44 5	10 3	24 7	16 5	15 8	53 2	44 0 R	31 6R	1945
1946	43 8R	47 0R	49 8	22 6	26 4	37 4	19 4	15 3	19 6	16 2	13 4	19 7 R	27 7R	1946
1947	37 2R	45 6R	42 0	52 6	118	118	58 0	19 7	23 0	26 7	27 4	26 6	49 1R	1947
1948	29 2R	31 2R	17 4R	35 6	36 6	26 8	19 3	13 4	20 4	17 1	11 3	16 1 R	22 2R	1948
1949	34 7R	38 7R	45 1R	46 9	44 0	48 2	41 7	17 1	22 2	25 1	22 7	21 7	33 8R	1949
1950	23 0R	22 8R	28 2R	33 6	24 7	15 4	20 3	23 5	16 7	20 4	15 6	16 6 R	21 7R	1950
1951	30 9R	34 4R	31 5	63 7	44 7	27 3	29 9	26 4	10 3	57 2	95 7	64 2 R	43 2R	1951
1952	47 8R	51 3R	38 3R	36 4	34 2	42 7	29 5	28 9	15 5	22 7	30 0	31 1 R	33 4R	1952
1953	38 2R	51 2R	73 0R	73 8	32 8	29 4	33 0	26 8	22 7	24 2	14 7	4 96R	34 4R	1953
1954	16 8R	22 1R	23 0R	37 7	34 6	98 3	26 3	22 6	16 5	67 3	41 8	46 4	38 1R	1954
1955	39 7	46 8	47 4	29 3	19 0	19 1	25 4	6 27	8 87	14 4	41 8	25 9	28 9	1955
1956	46 3	36 9	41 5	16 8	45 5	60 8	28 7	19 8	14 8	24 1	30 0	31 1	34 0	1956
1957	37 3	42 8	50 8	36 9	22 3	30 8	81 8	29 3	18 7	20 5	81 3	41 5	39 8	1957
1958	47 1	51 3	47 0	11 3	29 5	17 1	13 0	10 3	21 4	16 8	8 97	23 8	28 8	1958
1959	29 9	35 7	32 0	22 8	55 8	33 0	24 8	23 8	19 7	19 9	48 5	43 3	33 2	1959
1960	41 4	49 2	46 2	43 5	130	55 4	72 4	38 7	27 3	32 4	43 4	55 8	53 2	1960
1961	54 8	35 4	23 8	16 1	40 4	28 5	16 4	20 5	28 5	38 7	28 2	34 2	30 3	1961
1962	46 7	57 3	46 8R	36 4	37 7	23 5	25 7	11 4	15 8	---	---	---	---	1962
MEAN	38 8R	39 8R	41 1R	38 3	43 2	41 0	28 8	20 0	18 4	25 1	30 3	30 8 R	33 8	MEAN

LOCATION - LAT 48 35 48 N DRAINAGE AREA, 2 480 km^2
LONG 80 11 14 W REGULATED

R - REVISED SINCE JAN 1980

TEMAGAMI RIVER NEAR RIVER VALLEY - STATION NO. 02DC005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	---	---	---	---	1941
1942	---	88.6 ON APR 18	1.02 ON OCT 10 *	810 OOOR	1942
1943	---	110 ON MAY 9	5.01 ON JUL 20	949 OOOR	1943
1944	---	80.6 ON MAY 13	4.45 ON OCT 23	882 OOOR	1944
1945	---	83.7 ON JUN 5	3.45 ON OCT 4	998 OOOR	1945
1946	---	65.7 ON MAY 30	2.48E ON JUL 26	875 OOOR	1946
1947	---	148 ON JUN 18	9.85 ON SEP 25	1 550 OOOR	1947
1948	---	79.0 ON APR 23	3.20 ON DEC 3	701 OOOR	1948
1949	---	141 ON JUN 27	8.50E ON APR 28	1 070 OOOR	1949
1950	---	90.4 ON APR 26	4.76 ON AUG 10	885 OOOR	1950
1951	---	128 ON NOV 1	4.45 ON OCT 2	1 360 OOOR	1951
1952	---	84.0 ON JUN 12	6.46 ON SEP 22	1 060 OOOR	1952
1953	---	112 ON MAR 28	2.01 ON DEC 18	1 090 OOOR	1953
1954	---	132 ON JUN 9	3.20RB ON JAN 3	1 200 OOOR	1954
1955	---	79.0 ON NOV 8	2.78 ON AUG 27	846 OOO	1955
1956	---	90.E ON JUN 2	4.76 ON SEP 18	1 080 OOO	1956
1957	---	144 ON JUL 5	2.94 ON SEP 28	1 250 OOO	1957
1958	---	77.9B ON JAN 1	2.58 ON JUN 14	785 OOO	1958
1959	---	81.6 ON MAY 7	5.47 ON SEP 9	1 020 OOO	1959
1960	---	173 ON MAY 11 *	15.2 ON JUL 22	1 850 OOO	1960
1961	---	79.9 ON JAN 5	4.56 ON JUL 7	954 OOO	1961
1962	---	81.6 ON FEB 22	6.82 ON AUG 13	---	1962
				1 030 OOOR	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

THAMES RIVER AT BYRON - STATION NO. 02GE002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1922	---	---	---	---	---	---	---	---	---	7.27	7.07	6.56	---	1922
1923	14.2	6.57	123	83.2	55.5	17.8	6.02	5.65	11.9	7.42	12.3	81.4	35.8	1923
1924	52.9	20.5	110	80.2	58.9	11.5	8.93	12.5	7.06	5.44	3.99	7.53	31.7	1924
1925	3.66	70.1	104	16.9	6.25	3.09	2.62	3.13	3.21	4.58	34.6	19.3	22.3	1925
1926	15.6	14.7	142	143	20.3	9.85	3.25	18.0	35.2	47.5	116	23.6	49.3	1926
1927	14.1	40.7	114	23.6	40.2	11.6	40.7	6.84	5.19	8.81	23.9	61.1	32.7	1927
1928	45.0	34.4	86.6	59.6	12.2	28.7	17.4	12.5	5.03	21.5	83.7	63.1	37.5	1928
1929	56.6	14.0	185	112	56.1	7.18	4.56	3.34	3.00	4.16	7.73	5.01	36.5	1929
1930	100	152	87.1	60.6	13.6	12.6	3.71	2.61	3.22	4.13	3.80	5.72	35.0	1930
1931	3.40	5.18	59.3	66.2	16.7	5.61	17.1	8.74	6.83	---	---	---	---	1931
1937	---	---	---	---	---	---	---	---	---	---	---	---	---	1937
1938	---	---	96.9	36.4	15.6	---	---	---	---	---	---	---	---	1938
1939	---	---	---	120	9.00	---	---	---	---	---	---	---	---	1939
1940	---	---	---	178	40.8	---	---	---	---	---	---	---	---	1940
1941	---	---	---	57.0	---	---	---	---	---	---	---	---	---	1941
1942	---	---	125	38.2	---	---	---	---	---	---	---	---	---	1942
1943	---	---	174	---	---	---	---	---	---	---	---	---	---	1943
1944	---	---	75.0	72.3	---	---	---	---	---	---	---	---	---	1944
1945	---	---	129	87.3	---	---	---	---	---	---	---	---	---	1945
1946	---	---	122	9.30	---	---	---	---	---	---	---	---	---	1946
1947	---	---	---	206	52.6	---	---	---	---	---	---	---	---	1947
1948	---	---	189	57.6	58.9	9.84	---	---	---	---	---	---	---	1948
1949	---	---	91.1	33.6	10.0	---	---	---	---	---	---	---	---	1949
1950	---	---	---	---	---	---	---	---	---	---	---	---	---	1950
1951	---	---	164	118	28.7	---	---	---	---	---	---	---	---	1951
1952	---	---	117	89.7	---	---	---	---	---	---	---	---	---	1952
1953	---	---	---	32.1	---	---	---	---	---	---	---	---	---	1953
1955	---	---	136	85.0	12.2	---	---	2.04	1.27	8.85	18.7	27.5	---	1955
1956	11.3	15.8	139	108	122	11.8	15.2	36.1	32.7	13.1	13.5	50.3	47.6	1956
1957	43.6	54.7	84.1	83.7	25.4	16.3	22.6	4.70	13.5	8.48	47.6	58.5	38.6	1957
1958	17.0	12.0	86.7	25.3	5.84	6.25	7.38	3.83	6.88	4.80	12.9	10.2	15.3	1958
1959	20.0	28.6	128	121	29.3	11.5	5.87	6.55	6.60	25.2	46.7	56.0	40.7	1959
1960	30.4	29.3	49.4	212	60.8	29.1	8.53	5.74	4.48	6.19	7.13	4.89	38.1	1960
1961	4.09	43.2	46.6	51.2	34.1	10.2	11.0	10.1	7.08	5.22	18.7	27.9	22.3	1961
1962	8.63	9.76	106	41.2	13.4	9.17	4.05	4.21	3.60	7.39	16.7	20.0	20.6	1962
1963	8.00	5.09	140	37.4	23.2	7.66	4.22	3.62	3.64	3.29	3.59	3.09	20.4	1963
1964	14.9	14.0	86.9	47.3	14.2	6.16	4.08	24.6	10.3	6.85	5.53	37.8	20.3	1964
1965	42.8	102	94.1	130	17.6	6.88	5.31	4.14	3.68	10.2	28.9	84.3	43.6	1965
1966	28.9	46.3	76.6	44.6	24.7	21.4	8.76	6.30	8.33	9.26	39.1	107	35.0	1966
1967	66.4	26.6	84.6	113	28.9	36.6	16.9	23.1	13.1	53.9	91.6	91.6	64.2	1967
1968	33.4	129	102	34.6	13.6	16.7	10.2	8.02	16.1	28.7	41.7	53.3	39.6	1968
1969	67.6	82.2	104	110	50.3	16.7	7.33	6.34	6.76	7.36	22.1	16.4	38.7	1969
1970	10.6	19.3	94.1	88.6	28.0	9.34	10.0	6.46	6.76	13.2	35.2	64.0	29.0	1970
1971	22.6	34.4	109	104	12.6	7.63	6.16	6.96	5.24	8.02	9.00	16.8	28.0	1971
1972	24.3	10.7	96.7	120	30.6	10.6	13.6	11.7	7.66	17.6	36.3	58.7	37.0	1972
1973	64.6	36.1	174	46.6	34.6	16.0	6.16	7.54	6.03	10.0	40.0	38.4	42.4	1973
1974	66.3	46.6	110	73.2	60.0	19.6	12.7	6.67	7.67	9.08	16.3	16.7	40.6	1974
1975	53.9	61.4	106	116	19.3	19.4	9.59	12.6	21.3	14.6	16.6	37.6	40.7	1975
1976	25.6	143	191	56.7	49.6	11.6	23.6	25.7	16.0	18.1	32.6	16.0	60.7	1976
1977	9.03	11.7	214	66.1	16.9	6.61	6.66	9.66	36.1	60.3	46.7	67.6	46.6	1977
1978	20.0	16.3	60.2	230	30.1	12.2	7.46	6.46	19.0	21.7	16.4	26.1	40.9	1978
1979	36.6	13.6	167	147	27.6	12.7	6.44	6.63	6.09	16.0	64.3	66.7	49.7	1979
1980	26.6	13.3	106	66.6	26.3	16.6	16.6	11.3	12.6	16.6	13.4	30.9	32.7	1980
1981	6.62	194	47.7	44.6	27.7	16.0	7.66	6.71	46.3	63.3	37.2	24.6	36.6	1981
1982	20.4	11.0	146	166	30.6	26.3	11.6	11.7	22.4	20.1	77.4	129	66.6	1982
1983	36.6	61.1	36.3	56.6	76.4	33.1	16.3	42.6	19.6	21.6	36.2	72.7	42.0	1983
1984	16.3	161	64.3	64.6	26.6	46.6	21.1	11.0	32.3	16.6	36.2	64.4	46.6	1984
MEAN	31.1	46.2	111	63.6	32.3	16.1	11.1	10.7	12.6	16.0	31.1	44.2	37.4	MEAN

LOCATION - LAT 42 57 47 N LONG 81 19 55 W
DRAINAGE AREA, 3 110 km^2
REGULATED SINCE 1953

THAMES RIVER AT BYRON - STATION NO. 02GE002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1922	---	---	---	---	1922
1923	---	428 ON MAY 21	4.11 ON JUL 9	1 130 000	1923
1924	---	357 ON MAR 29	3.09 ON NOV 11	1 000 000	1924
1925	---	457 ON MAR 19	1.67E ON SEP 5	703 000	1925
1926	---	657 ON MAR 23	2.69E ON JUL 17	1 550 000	1926
1927	---	378 ON JUL 24	3.68 ON SEP 19	1 030 000	1927
1928	---	385 ON MAR 25	4.58E ON AUG 16	1 180 000	1928
1929	---	780 ON MAR 15	3.00E ON SEP 1	1 220 000	1929
1930	---	241 ON APR 2	1.70 ON OCT 4	1 100 000	1930
1931	---	405 ON MAR 29	---	---	1931
1937	1 470 ON APR 27 *	---	---	---	1937
1938	948 AT 08:00 EST ON FEB 7	778 ON FEB 7	---	---	1938
1939	---	396 ON APR 18	---	---	1939
1940	---	883 ON APR 9	---	---	1940
1941	---	---	---	---	1941
1942	---	---	---	---	1942
1943	---	867 ON MAR 17	---	---	1943
1944	---	---	---	---	1944
1945	---	---	---	---	1945
1946	---	803 ON MAR 7	---	---	1946
1947	---	1 200 ON APR 8 *	---	---	1947
1948	1 270 AT 05:00 EST ON MAR 20	1 010 ON MAR 20	---	---	1948
1949	---	---	---	---	1949
1950	1 180 AT 20:30 EST ON APR 4	884 ON APR 4	---	---	1950
1951	---	473 ON MAR 31	---	---	1951
1952	---	382 ON APR 14	---	---	1952
1953	367 AT 15:00 EST ON MAR 16	311 ON MAR 16	---	---	1953
1955	---	535E ON MAR 12	---	---	1955
1956	934 AT 12:00 EST ON MAR 7	736 ON MAR 7	5.84 ON AUG 3	1 510 000	1956
1957	663 AT 15:00 EST ON DEC 21	620 ON DEC 21	2.75 ON JUN 20	1 220 000	1957
1958	151 AT 14:00 EST ON MAR 24	142 ON MAR 24	1.50 ON JUN 11	484 000	1958
1959	586 AT 21:00 EST ON APR 2	498 ON APR 3	3.85 ON AUG 4	1 280 000	1959
1960	896 AT 15:00 EST ON MAR 31	818 ON MAR 31	3.98 ON SEP 13	1 200 000	1960
1961	273 AT 16:00 EST ON FEB 24	254 ON FEB 25	3.00 ON OCT 20	704 000	1961
1962	286 AT 08:00 EST ON MAR 25	270 ON MAR 25	2.24 ON JUL 14	849 000	1962
1963	688 AT 19:00 EST ON MAR 28	651 ON MAR 27	2.65 ON AUG 26	643 000	1963
1964	245 AT 10:00 EST ON APR 7	230 ON DEC 28	1.71 ON OCT 30	841 000	1964
1965	816 AT 07:00 EST ON FEB 11	762 ON FEB 11	1.59 ON JUL 24	1 380 000	1965
1966	885 AT 02:30 EST ON DEC 8	629 ON DEC 8	2.89 ON JUL 12	1 100 000	1966
1967	575 AT 16:00 EST ON APR 3	453 ON APR 3	8.07 ON SEP 6	1 710 000	1967
1968	977 AT 04:50 EST ON FEB 3	801 ON FEB 3	1.23 ON MAY 30 *	1 280 000	1968
1969	846 AT 04:30 EST ON JAN 31	600 ON JAN 31	3.03 ON SEP 25	1 250 000	1969
1970	385 AT 18:51 EST ON APR 9	317 ON APR 9	5.24 ON SEP 13	918 000	1970
1971	487 AT 15:32 EST ON APR 2	388 ON APR 3	2.86 ON MAY 21	682 000	1971
1972	493 AT 22:05 EST ON MAR 22	408 ON MAR 23	2.59 ON OCT 6	1 170 000	1972
1973	561 AT 12:41 EST ON MAR 12	521 ON MAR 12	4.70 ON SEP 9	1 340 000	1973
1974	651 AT 18:34 EST ON MAR 5	588 ON MAR 5	5.88 ON SEP 27	1 290 000	1974
1975	719 AT 02:00 EST ON APR 20	584 ON APR 20	6.23 ON JUL 6	1 280 000	1975
1976	818 AT 04:07 EST ON MAR 5	683 ON MAR 5	6.27 ON JUN 13	1 610 000	1976
1977	986 AT 02:27 EST ON MAR 14	915 ON MAR 14	5.15 ON JUN 15	1 470 000	1977
1978	537 AT 05:08 EST ON APR 2	483 ON APR 3	5.15 ON AUG 27	1 280 000	1978
1979	809 AT 09:37 EST ON APR 14	695 ON APR 14	5.84 ON JUL 22	1 870 000	1979
1980	586 AT 02:12 EST ON MAR 22	502 ON MAR 22	6.82 ON AUG 29	1 030 000	1980
1981	854 AT 03:32 EST ON FEB 24	584 ON FEB 24	5.07 ON JUL 17	1 250 000	1981
1982	834 AT 19:51 EST ON APR 1	771 ON APR 1	5.79 ON AUG 22	1 780 000	1982
1983	389 AT 10:08 EST ON MAY 3	328 ON MAY 3	8.38 ON JUL 28	1 330 000	1983
1984	806 AT 03:17 EST ON FEB 15	732 ON FEB 15	7.39 ON AUG 28	1 540 000	1984
				1 180 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

THAMES RIVER AT INGERSOLL - STATION NO. 02GD016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	6.78	2.80	4.97	1.21	2.17	1.78	5.70	12.4	---	1957
1958	2.80	2.21	8.94	4.19	1.64	1.89	2.10	1.01	1.91	1.24	2.08	1.72	2.83	1958
1959	3.25	5.23	19.1	15.0	4.81	1.90	1.36	1.25	1.28	4.13	6.46	7.49	5.92	1959
1960	5.29	6.61	9.72	27.8	7.85	4.79	1.72	1.38	0.958	1.05	1.42	1.42	5.81	1960
1961	0.798	6.30	5.86	8.72	4.56	1.91	1.56	1.79	1.45	0.884	2.52	2.75	3.07	1961
1962	1.65	1.81	17.2	5.22	2.02	1.74	0.989	1.18	1.04	1.94	3.94	4.26	3.81	1962
1963	1.69	0.973	18.0	5.47	3.27	1.61	0.915	0.840	0.633	0.612	0.890	0.783	2.98	1963
1964	1.98	1.57	7.49	8.86	2.76	1.02	0.948	4.52	1.64	1.02	1.26	4.95	3.01	1964
1965	5.75	17.2	15.5	21.0	3.47	1.06	0.790	0.788	0.856	1.52	3.01	8.15	5.50	1965
1966	3.85	6.48	11.4	8.93	4.18	3.13	1.24	1.13	1.08	1.06	3.87	13.3	4.80	1966
1967	7.47	3.20	10.5	15.0	4.77	5.49	3.78	3.58	2.12	5.58	8.85	12.5	7.00	1967
1968	4.61	23.5	13.9	5.59	1.80	2.61	2.23	1.82	1.44	2.52	3.26	7.24	5.80	1968
1969	12.8	9.87	11.0	13.0	8.30	2.03	1.38	1.16	1.23	1.29	3.43	2.39	5.45	1969
1970	1.94	3.25	7.97	9.09	2.87	4.67	2.78	1.70	1.54	2.18	4.26	5.12	4.03	1970
1971	2.85	4.28	13.7	11.4	1.98	1.39	1.35	1.38	1.15	1.10	1.01	2.46	3.67	1971
1972	3.42	1.85	18.1	15.0	3.79	2.31	3.74	3.19	1.95	2.58	5.86	7.83	5.84	1972
1973	10.4	6.48	26.2	7.96	4.22	2.46	1.74	1.77	1.41	2.44	5.62	7.52	6.83	1973
1974	13.3	8.56	15.2	10.1	10.9	3.52	2.88	2.80	2.29	2.03	4.07	4.59	6.89	1974
1975	8.02	10.3	16.0	12.2	3.15	4.42	1.68	2.71	4.82	2.24	4.13	6.45	6.29	1975
1976	4.21	19.3	26.9	8.07	8.47	2.87	4.82	5.45	2.42	3.80	4.48	3.23	7.78	1976
1977	1.51	2.35	25.5	9.80	3.24	1.72	2.37	2.50	7.54	10.2	8.42	14.4	7.35	1977
1978	4.25	3.98	14.5	24.9	4.45	2.29	2.31	1.60	3.38	3.51	3.32	4.22	6.05	1978
1979	7.32	3.17	19.8	23.2	4.52	2.49	1.53	1.81	1.81	2.72	7.26	11.8	7.31	1979
1980	6.61	2.86	14.8	12.3	4.58	2.56	2.38	2.40	3.09	3.78	2.38	4.89	5.26	1980
1981	1.50	20.4	6.28	5.50	4.61	2.36	1.47	2.70	6.83	6.26	5.20	3.42	5.60	1981
1982	3.01	1.72	21.1	23.8	2.72	5.64	2.34	2.07	4.90	4.35	10.5	19.2	8.47	1982
1983	5.09	8.13	5.55	7.86	10.8	4.57	3.68	9.64	3.88	4.39	6.04	11.3	6.75	1983
1984	3.06	25.9	11.0	10.3	4.16	8.48	4.21	1.78	3.01	3.60	4.84	7.61	7.23	1984
MEAN	4.75	7.68	14.4	12.0	4.63	3.02	2.25	2.31	2.41	2.92	4.39	6.94	5.60	MEAN

LOCATION - LAT 43 02 20 N
LONG 80 53 08 W
DRAINAGE AREA, 518 km²
REGULATED

THAMES RIVER AT INGERSOLL - STATION NO. 02GD016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1957	87.4 AT 18:00 EST ON DEC 21	63.4 ON DEC 21	0.850 ON AUG 23	---	1957
1958	17.6 AT 04:00 EST ON MAR 25	16.8 ON MAR 24	0.793 ON AUG 18	83 000	1958
1959	88.8 AT 18:00 EST ON APR 2	60.3 ON APR 2	0.793 ON AUG 14	187 000	1959
1960	155 AT 13:00 EST ON MAR 31	143 ON MAR 31 *	0.844E ON SEP 6	184 000	1960
1961	39.9 AT 10:00 EST ON FEB 24	36.8 ON FEB 24	0.708B ON FEB 11	95 900	1961
1962	66.5 AT 19:00 EST ON MAR 12	42.5 ON MAR 13	0.484 ON JUL 16	114 000	1962
1963	88.8 AT 11:30 EST ON MAR 26	81.6 ON MAR 26	0.453 ON AUG 24	94 100	1963
1964	30.9 AT 13:30 EST ON DEC 26	25.4 ON DEC 26	0.584 ON JUL 31	95 400	1964
1965	194 AT 01:00 EST ON FEB 11 *	136 ON FEB 11	0.425 ON JUL 1 *	205 000	1965
1966	87.8 AT 10:05 EST ON DEC 8	79.3 ON DEC 8	0.544 ON JUL 26	151 000	1966
1967	53.0 AT 07:30 EST ON APR 3	46.2 ON APR 3	1.39 ON JUL 13	221 000	1967
1968	146 AT 14:00 EST ON FEB 2	115 ON FEB 2	1.13 ON SEP 30	184 000	1968
1969	91.7 AT 20:30 EST ON JAN 30	65.0 ON JAN 30	0.852 ON AUG 15	172 000	1969
1970	28.1 AT 02:38 EST ON APR 4	28.1 ON APR 4	1.25 ON AUG 27	127 000	1970
1971	40.8 AT 04:55 EST ON MAR 15	37.7 ON MAR 15	0.782 ON NOV 14	116 000	1971
1972	59.2 AT 15:10 EST ON MAR 22	51.3 ON MAR 22	1.38 B ON FEB 20	178 000	1972
1973	58.9 AT 00:26 EST ON MAR 15	54.7 ON MAR 15	1.25 E ON JUL 23	209 000	1973
1974	59.2 AT 09:08 EST ON MAR 5	54.4 ON JAN 28	1.60 ON AUG 21	211 000	1974
1975	68.5 AT 18:27 EST ON FEB 24	56.6 ON FEB 24	1.18 ON JUL 17	198 000	1975
1976	108 AT 19:55 EST ON MAR 5	89.1 ON MAR 5	1.79 ON SEP 15	248 000	1976
1977	95.7 AT 03:38 EST ON MAR 13	89.2 ON MAR 13	1.08 B ON JAN 26	232 000	1977
1978	78.7 AT 20:00 EST ON APR 1	63.4 ON APR 2	1.44 ON AUG 14	191 000	1978
1979	133 AT 12:42 EST ON APR 14	97.6 ON APR 14	1.05 ON AUG 10	231 000	1979
1980	76.3 AT 14:21 EST ON MAR 21	55.2 ON MAR 21	1.17 ON JUL 26	186 000	1980
1981	66.6 AT 14:44 EST ON FEB 23	59.0 ON FEB 19	0.958 ON JUL 27	177 000	1981
1982	82.5 AT 14:13 EST ON APR 3	74.9 ON MAR 31	1.04 ON AUG 24	267 000	1982
1983	45.3 AT 03:14 EST ON AUG 1	37.2 ON AUG 1	1.70 ON JUL 26	213 000	1983
1984	105 AT 13:49 EST ON FEB 14	96.5 ON FEB 14	1.41 ON AUG 25	229 000	1984
				177 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

THAMES RIVER AT INNERKIP - STATION NO. 02GD021

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	---	---	---	---	---	---	0.122	0.075	0.322	0.234	0.634	0.995	---	1978
1979	1.61	0.598	9.26	8.44	1.34	0.453	0.220	0.147	0.124	0.184	2.48	4.39	2.27	1979
1980	1.70	0.627	7.57	4.61	1.11	0.763	0.273	0.118	0.214	0.472	0.455	1.40	1.61	1980
1981	0.183	7.80	1.48	1.88	0.698	0.218	0.082	0.081	0.750	2.27	1.12	0.917	1.38	1981
1982	0.758	0.218	9.82	8.73	0.803	1.48	0.232	0.484	2.83	0.818	4.82	6.67	2.98	1982
1983	1.18	2.31	1.88	3.23	3.45	1.10	1.13	2.40	0.452	0.783	1.97	3.50	1.95	1983
1984	0.733	7.30	3.82	2.31	0.858	0.944	0.295	0.100	0.708	0.348	1.30	3.06	1.77	1984
MEAN	1.01	3.09	5.57	4.18	1.38	0.828	0.338	0.484	0.785	0.730	1.84	2.99	1.99	MEAN

LOCATION - LAT 43 12 55 N
LONG 80 41 24 W
DRAINAGE AREA, 148 km²
REGULATED

THAMES RIVER AT INNERKIP - STATION NO. 02GD021

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	---	0.040 ON AUG 15	---	1978
1979	73.1 AT 07:12 EST ON APR 14	60.8 ON APR 14	0.089 ON SEP 29	71 800	1979
1980	---	89.0B ON MAR 18 *	0.025E ON AUG 23	50 900	1980
1981	35.0 AT 18:30 EST ON FEB 23	30.2 ON FEB 20	0 ON AUG 28 *	43 800	1981
1982	67.7 AT 18:52 EST ON MAR 31	59.1 ON MAR 31	0.057 ON AUG 18	94 100	1982
1983	27.3 AT 19:39 EST ON MAY 2	17.9 ON AUG 12	0.008 ON JUL 28	81 500	1983
1984	77.3B AT 20:09 EST ON FEB 14 *	40.0B ON FEB 14	0.029 ON AUG 28	58 100	1984
				63 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

THAMES RIVER AT KILWORTH - STATION NO. 02GE001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	48.8	20.2	13.8	12.2	17.3	11.9	18.7	21.4	---	1914
1915	43.8	123	49.7	41.0	13.7	10.4	16.5	44.3	25.5	27.3	37.9	34.0	38.3	1915
1916	206	36.2	76.5	97.3	94.4	56.7	7.82	3.66	3.27	5.57	5.27	19.6	51.3	1916
1917	12.8	1.71	148	77.5	80.7	60.3	75.6	8.22	4.06	14.2	14.4	19.1	41.8	1917
1918	23.5	57.8	182	37.7	18.9	10.1	3.70	1.29	11.4	7.21	15.4	54.9	35.4	1918
1919	35.9	23.7	107	66.7	79.4	11.9	2.57	1.86	3.02	7.08	18.4	15.4	31.0	1919
1920	6.16	6.34	133	50.2	13.8	4.84	9.93	5.67	4.15	7.44	24.7	50.9	26.6	1920
1921	42.3	14.5	108	75.2	20.9	8.34	24.8	5.12	5.50	13.8	26.3	66.6	34.5	1921
1922	25.8	66.2	61.5	122	14.4	27.3	9.14	6.41	9.01	5.35	6.80	---	---	1922
MEAN	49.8	41.2	108	71.0	40.8	23.5	18.2	9.87	9.25	11.1	18.2	35.1	37.0	MEAN

LOCATION - LAT 42 57 50 N LONG 81 23 22 W
DRAINAGE AREA, 3 290 km^2
REGULATED

THAMES RIVER AT KILWORTH - STATION NO. 02GE001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	490 ON FEB 15	5.23 ON MAY 23	1 210 000	1915
1916	---	524 ON JAN 8	1.56 ON NOV 8	1 620 000	1916
1917	---	565 ON MAR 24	0 ON JAN 18 *	1 320 000	1917
1918	---	458 ON MAR 20	0 ON AUG 20	1 110 000	1918
1919	---	478 ON MAR 17	0.340 ON JUL 22	979 000	1919
1920	---	518 ON MAR 12	2.49 ON AUG 5	840 000	1920
1921	---	580 ON DEC 18 *	2.83 ON JUL 8	1 090 000	1921
1922	---	467 ON APR 12	2.36 ON SEP 1	---	1922
				1 170 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

THAMES RIVER AT THAMESVILLE - STATION NO. 02GE003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	113	46.7	22.5	---	---	---	---	---	---	---	---	1938
1939	---	---	---	155	13.8	---	---	---	---	---	---	---	---	1939
1940	---	---	---	181	---	---	---	---	---	---	---	---	---	1940
1941	---	---	---	---	8.85	---	---	---	---	---	---	---	---	1941
1945	---	---	174	83.2	---	---	---	---	---	---	---	---	---	1945
1946	---	---	152	17.1	24.2	---	---	---	---	---	---	---	---	1946
1947	---	---	127	276	82.7	---	---	---	---	---	---	---	---	1947
1948	---	---	242	76.5	57.2	---	---	---	---	---	---	---	---	1948
1949	---	---	99.4	47.4	20.0	---	---	---	---	---	---	---	---	1949
1951	---	---	155	179	---	---	---	---	---	---	---	---	---	1951
1955	---	---	162	61.3	17.0	6.11	4.20	2.77	3.24	9.09	29.8	38.5	---	1955
1956	14.2	22.6	196	122	194	17.4	20.4	31.0	47.9	15.1	14.4	61.5	63.4	1956
1957	56.4	62.3	99.5	93.9	36.3	15.4	35.9	5.61	17.7	17.1	62.5	134	53.3	1957
1958	30.8	18.5	87.4	39.0	10.5	10.4	9.47	4.51	11.6	6.89	18.6	17.0	22.1	1958
1959	27.2	50.4	182	136	45.5	15.4	7.06	6.92	8.00	30.2	57.1	76.7	53.8	1959
1960	50.9	52.0	38.7	278	84.8	51.6	11.3	7.29	5.75	6.79	9.08	6.84	50.0	1960
1961	4.91	42.7	63.3	82.5	48.2	17.9	12.4	14.1	9.43	5.74	21.2	35.0	29.7	1961
1962	15.8	14.8	150	81.6	17.5	9.04	4.15	6.22	4.09	8.48	26.9	28.6	29.0	1962
1963	11.4	6.73	152	89.5	37.4	10.8	4.65	3.40	3.75	3.61	4.71	4.07	26.2	1963
1964	18.2	23.5	78.5	88.2	27.5	8.32	5.19	26.6	12.9	5.74	5.53	40.2	28.7	1964
1965	55.2	142	142	152	26.2	8.73	4.34	3.92	4.41	12.6	30.3	104	58.3	1965
1966	37.7	70.1	101	59.8	35.0	25.6	5.81	6.06	7.76	8.77	37.6	134	44.3	1966
1967	82.6	40.5	99.0	149	43.5	40.6	28.4	24.6	13.2	55.6	89.1	113	64.2	1967
1968	47.4	184	126	51.0	22.9	33.4	17.3	12.5	18.1	29.4	38.7	83.0	53.1	1968
1969	83.3	140	101	133	73.9	29.2	12.0	8.49	7.98	9.28	28.5	33.8	54.4	1969
1970	15.5	29.6	71.7	118	34.0	12.5	12.5	6.72	7.41	11.9	34.1	73.1	35.6	1970
1971	33.7	57.9	146	114	17.1	8.31	6.39	7.89	7.33	7.73	11.2	23.7	36.7	1971
1972	35.2	19.5	132	148	42.0	16.4	20.1	16.1	9.53	20.5	59.7	73.2	49.6	1972
1973	120	67.1	229	71.0	46.2	23.4	11.2	8.77	7.58	10.4	44.3	86.7	57.5	1973
1974	134	90.2	144	95.5	102	23.9	17.3	10.3	9.48	10.8	23.6	28.1	57.4	1974
1975	79.2	91.7	146	135	28.2	28.1	12.3	19.9	41.7	18.8	20.0	52.0	55.8	1975
1976	36.5	177	283	82.2	72.0	17.2	36.5	37.6	19.2	22.9	38.4	24.5	68.8	1976
1977	11.3	16.3	292	95.8	24.4	11.1	15.4	12.0	52.3	70.8	66.8	159	69.8	1977
1978	29.8	27.4	129	285	49.2	17.2	9.31	8.72	20.6	24.4	22.7	39.8	53.6	1978
1979	54.0	20.2	196	219	47.0	19.3	11.0	12.4	11.3	18.4	79.0	114	67.2	1979
1980	69.2	19.4	132	121	38.1	25.2	23.4	20.6	20.2	25.2	18.7	41.2	46.4	1980
1981	13.3	187	88.1	72.9	43.5	22.4	12.0	13.8	51.7	88.3	53.8	44.3	54.7	1981
1982	45.8	15.9	189	214	26.8	45.7	18.3	16.3	25.7	28.5	110	173	76.1	1982
1983	56.0	74.8	51.8	84.9	112	45.4	23.2	68.2	23.9	24.6	48.9	123	61.3	1983
1984	17.5	223	130	78.5	41.1	71.3	31.4	16.3	47.3	21.8	54.0	74.0	68.3	1984
MEAN	43.8	67.2	140	117	46.4	22.9	14.8	14.8	17.7	20.9	39.0	67.3	51.1	MEAN

LOCATION - LAT 42 32 42 N DRAINAGE AREA, 4 300 km²
LONG 81 58 04 W REGULATED SINCE 1953

THAMES RIVER AT THAMESVILLE - STATION NO. 02GE003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1938	---	---	---	---	1938
1939	---	428 ON APR 19	---	---	1939
1940	---	894 ON APR 10	---	---	1940
1941	---	---	---	---	1941
1945	---	---	---	---	1945
1946	---	548 ON MAR 10	---	---	1946
1947	---	1 090E ON APR 7 *	---	---	1947
1948	816 AT 15:00 EST ON MAR 22	813 ON MAR 22	---	---	1948
1949	---	521 ON FEB 17	---	---	1949
1951	---	411 ON APR 1	---	---	1951
1955	---	450 ON MAR 14	1.84 ON SEP 7 *	---	1955
1956	---	691 ON MAR 10	6.71 ON AUG 4	2 000 000	1956
1957	---	496 ON DEC 24	3.79 ON AUG 21	1 880 000	1957
1958	---	150 ON MAR 28	3.20 ON AUG 18	897 000	1958
1959	---	419 ON APR 5	4.25 ON SEP 20	1 700 000	1959
1960	---	753 ON APR 8	4.59 ON SEP 7	1 580 000	1960
1961	---	2228 ON FEB 25	3.65B ON JAN 21	936 000	1961
1962	---	261 ON MAR 31	3.03 ON JUL 22	917 000	1962
1963	716 AT 15:00 EST ON MAR 30	714 ON MAR 30	2.46 ON AUG 30	826 000	1963
1964	---	224A ON APR 9	3.17 ON JUN 30	844 000	1964
1965	725B AT 07:00 EST ON MAR 8	714B ON MAR 8	3.03 ON AUG 26	1 770 000	1965
1966	803 AT 08:00 EST ON DEC 11	592 ON DEC 11	3.89 ON JUL 15	1 400 000	1966
1967	408 AT 12:00 EST ON APR 8	402 ON APR 8	7.89 ON SEP 15	2 020 000	1967
1968	838B AT 11:00 EST ON FEB 5	827B ON FEB 5	5.72 ON JUL 29	1 680 000	1968
1969	568B AT 20:47 EST ON FEB 2	538B ON FEB 2	4.87 ON SEP 27	1 710 000	1969
1970	284 AT 01:31 EST ON APR 5	289 ON APR 5	5.32 ON AUG 25	1 120 000	1970
1971	348 AT 22:03 EST ON APR 4	328 ON APR 4	4.90 ON JUL 6	1 180 000	1971
1972	360 AT 05:06 EST ON APR 19	351 ON APR 19	5.61 ON OCT 9	1 570 000	1972
1973	513 AT 04:01 EST ON MAR 15	486 ON MAR 15	8.34 ON SEP 13	1 810 000	1973
1974	524 AT 08:54 EST ON MAR 8	515 ON MAR 8	8.16 ON AUG 21	1 810 000	1974
1975	484 AT 11:05 EST ON APR 22	483 ON APR 22	9.23 ON AUG 20	1 780 000	1975
1976	606 AT 22:56 EST ON MAR 8	586 ON MAR 8	10.2 ON SEP 8	2 180 000	1976
1977	980 AT 15:23 EST ON MAR 16 *	948 ON MAR 16	7.48 ON JUN 17	2 180 000	1977
1978	547B AT 21:15 EST ON MAR 23	530 ON APR 9	7.16 ON SEP 9	1 680 000	1978
1979	698 AT 05:53 EST ON APR 17	678 ON APR 17	5.51 ON JUL 27	2 120 000	1979
1980	---	488E ON MAR 23	8.35 ON AUG 30	1 470 000	1980
1981	586 AT 04:43 EST ON FEB 26	578 ON FEB 26	7.85 ON JUL 18	1 730 000	1981
1982	690 AT 04:56 EST ON APR 4	673 ON APR 4	8.81 ON AUG 24	2 400 000	1982
1983	---	338E ON MAY 4	9.13 ON JUL 28	1 830 000	1983
1984	---	718B ON FEB 17	10.7 ON AUG 28	2 100 000	1984
				1 610 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

THAMES RIVER AT WOODSTOCK - STATION NO. 02GD012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	7.78	6.34	1.44	0.388	0.264	0.229	0.233	0.240	0.385	0.777	---	1952
1953	1.69	2.45	8.05	2.06	3.35	5.22	0.500	0.343	0.279	0.278	0.346	0.536	2.09	1953
1954	0.892	8.86	8.60	7.97	1.26	0.454	0.193	0.169	0.218	3.45	0.804	2.22	2.90	1954
1955	3.85	1.39	10.4	5.11	0.752	0.277	0.119	0.130	0.136	0.352	1.50	2.05	2.18	1955
1956	0.760	1.12	12.6	8.36	8.68	1.35	1.89	10.0	4.22	1.27	1.01	3.70	4.82	1956
1957	3.33	3.90	4.48	4.80	2.10	1.81	2.20	0.339	0.780	0.824	3.22	8.55	3.84	1957
1958	0.883	0.647	4.52	1.92	0.463	0.272	0.383	0.177	0.727	0.414	0.883	0.778	1.02	1958
1959	1.53	2.48	12.0	10.0	2.71	0.647	0.336	0.286	0.321	1.88	3.54	3.76	3.37	1959
1960	1.72	3.08	3.89	17.7	5.05	2.58	0.607	0.455	0.265	0.320	0.418	0.371	3.02	1960
1961	0.186	2.75	3.65	3.48	2.55	0.686	0.595	0.591	0.550	9.264	1.02	1.58	1.46	1961
1962	0.383	0.500	8.83	2.73	0.831	0.678	0.227	0.286	0.212	0.554	1.48	1.93	1.56	1962
1963	0.547	0.437	9.60	2.32	1.47	0.648	0.278	0.209	0.180	0.184	0.246	0.186	1.37	1963
1964	0.546	0.457	4.30	3.62	1.15	0.386	0.305	1.88	0.480	0.313	0.415	2.48	1.38	1964
1965	2.88	8.47	7.05	13.4	1.50	0.371	0.282	0.182	0.176	0.500	1.60	5.89	3.48	1965
1966	1.78	3.38	8.28	3.35	2.35	1.30	0.326	0.353	0.227	0.300	2.81	7.57	2.49	1966
1967	4.04	1.81	5.26	8.54	2.01	4.15	1.62	2.88	1.58	4.80	8.03	8.18	4.20	1967
1968	1.85	9.86	7.10	2.88	0.483	0.530	0.821	0.888	0.548	1.60	1.42	4.78	2.88	1968
1969	2.82	5.45	8.38	7.84	3.52	0.740	0.545	0.712	0.785	0.400	2.41	1.17	3.88	1969
1970	0.808	1.12	4.58	8.35	1.35	0.728	0.839	1.21	0.832	1.15	2.43	4.42	2.08	1970
1971	1.67	2.07	7.20	8.23	1.09	0.648	0.672	0.812	0.589	0.488	0.526	1.77	2.12	1971
1972	1.82	0.870	8.78	8.92	1.78	1.18	1.88	1.87	1.00	1.17	4.03	4.83	3.28	1972
1973	8.10	3.19	14.1	3.35	2.40	1.16	0.898	0.848	0.783	1.24	2.35	4.00	3.35	1973
1974	8.90	3.60	8.16	3.81	8.58	1.38	1.03	0.872	0.989	0.852	0.848	2.04	3.08	1974
1975	3.81	5.12	7.75	8.75	1.12	2.08	0.744	1.02	2.38	0.600	2.28	3.28	3.08	1975
1976	2.00	8.50	12.8	3.34	4.17	0.853	1.24	3.71	1.18	2.58	2.78	1.24	3.77	1976
1977	0.530	0.857	12.4	8.48	1.80	0.584	1.08	1.28	4.38	8.48	3.48	7.18	3.80	1977
1978	1.80	1.43	8.08	12.8	2.71	0.888	1.11	0.747	1.28	1.48	1.30	1.88	2.78	1978
1979	2.84	1.10	10.1	12.8	2.10	1.22	0.498	1.27	0.845	1.84	3.88	8.41	3.72	1979
1980	2.88	1.08	7.58	8.88	2.81	1.27	0.880	0.812	1.88	1.38	0.784	2.01	2.24	1980
1981	0.848	8.87	2.84	2.16	2.71	0.488	0.378	0.878	2.21	4.28	2.38	1.48	2.44	1981
1982	1.32	0.881	8.87	14.1	0.717	3.08	0.832	1.31	4.04	3.07	8.83	10.3	4.82	1982
1983	3.30	3.98	3.26	3.02	8.42	2.82	1.81	4.88	1.78	2.88	3.63	8.14	3.47	1983
1984	1.18	11.8	4.72	4.78	1.38	2.84	1.38	0.732	1.20	3.00	2.14	3.34	3.08	1984
MEAN	2.08	3.80	7.81	8.48	2.44	1.31	0.808	1.28	1.12	1.48	2.08	3.47	2.82	MEAN

LOCATION - LAT 43 08 30 N
LONG 80 45 04 W
DRAINAGE AREA, 284 km^2
REGULATED

THAMES RIVER AT WOODSTOCK - STATION NO. 02GD012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	41.1 AT 20:00 EST ON MAR 11	28.2 ON MAR 12	0.170 ON JUN 19	---	1952
1953	88.9 AT 02:00 EST ON JUN 18	32.6 ON JUN 18	0.188 ON NOV 5	65 900	1953
1954	150 AT 20:00 EST ON FEB 16	75.0 ON FEB 16	0.142 ON JUL 15	81 500	1954
1955	---	35.4E ON MAR 11	0.028 ON OCT 23	68 700	1955
1956	169 AT 07:00 EST ON MAR 7 *	121 ON MAR 7 *	0.453 ON AUG 3	146 000	1956
1957	---	45.6 ON DEC 21	0.255 ON AUG 6	89 400	1957
1958	---	12.0 ON MAR 23	0.113 ON AUG 10	32 100	1958
1959	51.5 AT 11:00 EST ON APR 2	50.1 ON APR 2	0.142 ON JUL 19	103 000	1959
1960	71.4B AT 15:00 EST ON MAR 31	64.8B ON MAR 31	0.216 ON SEP 8	95 300	1960
1961	---	18.4B ON FEB 23	0.1708 ON JAN 11	46 800	1961
1962	32.3B AT 21:00 EST ON MAR 24	22.8B ON MAR 24	0.089 ON JUL 15	49 400	1962
1963	89.5 AT 05:00 EST ON MAR 26	67.4 ON MAR 26	0.147 ON OCT 14	43 300	1963
1964	20.5 AT 14:30 EST ON APR 7	15.7 ON APR 7	0.176 ON JUL 29	43 000	1964
1965	98.5 AT 02:00 EST ON MAR 6	69.9 ON MAR 6	0.142 ON AUG 24	109 000	1965
1966	83.5 AT 03:30 EST ON DEC 8	57.2 ON DEC 8	0.156 ON SEP 20	78 400	1966
1967	36.5 AT 07:00 EST ON JAN 26	31.7 ON APR 4	0.008 ON JUL 9 *	132 000	1967
1968	51.3B AT 11:15 EST ON FEB 2	30.3B ON FEB 2	0.184 ON MAY 24	84 900	1968
1969	40.8 AT 15:19 EST ON JAN 30	26.3 ON MAR 22	0.014 ON DEC 5	90 300	1969
1970	16.5 AT 19:46 EST ON APR 4	16.4 ON APR 5	0.3918 ON JAN 19	65 100	1970
1971	52.4 AT 16:15 EST ON APR 2	23.8 ON APR 4	0.428 ON OCT 27	66 700	1971
1972	30.6 AT 10:31 EST ON MAR 22	27.2 ON APR 15	0.538 ON FEB 25	104 000	1972
1973	39.9 AT 18:27 EST ON MAR 15	38.5 ON MAR 15	0.555 ON OCT 11	108 000	1973
1974	123 AT 10:36 EST ON MAR 6	34.3 ON JAN 26	0.085 ON DEC 3	97 100	1974
1975	30.9 AT 14:56 EST ON APR 23	25.0 ON APR 23	0.564 ON OCT 19	96 400	1975
1976	28.6 AT 20:50 EST ON FEB 29	26.0 ON MAR 1	0.648 ON JUN 22	119 000	1976
1977	35.7 AT 07:42 EST ON MAR 13	34.0 ON MAR 13	0.3378 ON JAN 26	120 000	1977
1978	30.9 AT 22:14 EST ON APR 2	29.2 ON APR 2	0.510 ON NOV 13	87 700	1978
1979	110 AT 07:28 EST ON APR 14	36.8 ON APR 14	0.405 ON JUN 26	117 000	1979
1980	27.2 AT 10:52 EST ON MAR 21	23.4 ON MAR 18	0.200 ON AUG 13	74 100	1980
1981	26.4 AT 00:01 EST ON FEB 24	26.1 ON FEB 24	0.247 ON JUL 15	77 100	1981
1982	54.4 AT 19:30 EST ON APR 1	50.9 ON APR 2	0.573 ON JUL 16	146 000	1982
1983	28.3 AT 12:06 EST ON JUL 31	21.5 ON JUL 31	0.781 ON JUL 27	109 000	1983
1984	31.4 AT 03:35 EST ON FEB 16	31.0 ON FEB 16	0.854 ON AUG 25	96 400	1984
				89 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

THAMES RIVER NEAR DUTTON - STATION NO. 02GE006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	---	---	---	---	---	---	5.75	5.43	6.14	8.80	8.71	18.7	---	1971
1972	29.8	13.9	120	138	38.2	14.5	16.7	14.9	9.04	15.8	50.7	70.0	44.7	1972
1973	112	46.9	202	62.1	41.6	20.6	9.66	8.57	6.78	10.6	45.4	52.6	51.8	1973
1974	111	71.9	127	85.3	24.9	22.3	16.4	9.87	8.11	9.49	21.9	20.3	49.8	1974
1975	67.8	76.8	128	127	24.9	24.0	11.0	14.9	29.5	15.8	18.2	44.4	46.2	1975
1976	32.1	158	230	72.8	62.8	16.2	31.9	32.3	16.8	22.4	37.0	21.0	61.1	1976
1977	10.3	15.2	244	86.8	21.1	11.1	13.8	12.2	48.5	61.7	56.9	127	59.5	1977
1978	25.3	21.6	102	240	38.5	15.4	9.08	7.87	19.5	22.8	20.7	35.2	46.5	1978
1979	36.2	17.6	183	175	37.8	15.8	9.79	10.7	8.66	16.1	72.8	108	57.6	1979
1980	43.8	15.4	115	107	35.0	19.9	22.4	14.1	14.6	21.0	14.9	37.0	38.4	1980
1981	11.2	167	58.4	61.4	35.2	18.2	9.83	10.4	45.8	73.0	44.9	34.8	46.6	1981
1982	34.2	13.3	166	186	26.4	38.9	14.8	13.9	23.3	23.6	86.3	158	67.0	1982
1983	47.2	83.0	42.2	72.5	94.6	39.9	20.1	58.1	21.3	21.7	42.4	104	52.3	1983
1984	17.0	184	107	68.5	33.6	61.4	26.7	13.2	40.0	18.0	45.2	71.1	56.5	1984
MEAN	44.4	66.5	140	115	44.9	24.5	15.6	16.3	21.4	24.5	41.2	64.2	52.3	MEAN

LOCATION - LAT 42 43 51 N
LONG 81 34 43 W

DRAINAGE AREA, 3 780 km^2
REGULATED SINCE 1953

THAMES RIVER NEAR DUTTON - STATION NO. 02GE006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1971	42.8 AT 11:13 EST ON DEC 18	---	---	---	1971
1972	---	388A ON APR 18	4.87 ON OCT 8 *	1 410 000	1972
1973	484 AT 23:26 EST ON MAR 13	463 ON MAR 14	5.35 ON SEP 11	1 830 000	1973
1974	530 AT 05:56 EST ON MAR 7	513 ON MAR 7	6.43 ON SEP 7	1 570 000	1974
1975	481 AT 12:46 EST ON APR 21	467 ON APR 21	7.76 ON JUL 10	1 520 000	1975
1976	---	524E ON MAR 8	10.6 ON SEP 7	1 930 000	1976
1977	540 A AT 12:00 EST ON MAR 15 *	495A ON MAR 15 *	8.04 ON JUN 16	1 870 000	1977
1978	510 AT 02:10 EST ON APR 9	501 ON APR 9	8.37 ON SEP 3	1 480 000	1978
1979	585 AT 01:09 EST ON APR 15	560B ON MAR 8	5.10E ON JUL 27	1 820 000	1979
1980	478 AT 10:53 EST ON MAR 23	468 ON MAR 23	8.04 ON AUG 28	1 210 000	1980
1981	567 AT 05:22 EST ON FEB 25	551 ON FEB 25	8.88 ON JUL 27	1 470 000	1981
1982	569 AT 23:27 EST ON APR 2	529 ON APR 3	7.52 ON AUG 22	2 110 000	1982
1983	324 AT 12:38 EST ON MAY 4	313 ON MAY 4	7.92 ON JUL 28	1 680 000	1983
1984	---	568B ON FEB 17	8.07 ON AUG 27	1 780 000	1984
				1 650 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	3.48	5.86	18.3	12.3	11.7	13.3	18.0	---	1915
1916	60.8	20.4	33.9	34.9	34.4	26.4	4.12	2.50	2.04	3.25	3.14	4.80	19.2	1916
1917	7.07	3.29	42.0	30.6	20.0	28.0	33.9	4.69	3.25	7.66	8.19	5.91	16.3	1917
1918	3.30	28.3	58.7	12.8	6.97	3.25	1.04	0.726	4.56	3.63	4.93	16.5	12.0	1918
1919	15.1	9.02	34.1	25.5	30.5	4.49	1.89	1.78	2.19	4.69	8.89	7.37	12.2	1919
1920	2.46	2.64	44.1	18.7	6.48	3.20	4.86	3.91	2.02	3.83	9.88	17.7	10.0	1920
1921	18.1	6.79	36.3	29.7	9.79	4.12	15.6	3.24	3.41	7.77	12.7	26.1	14.4	1921
1922	12.9	26.7	24.5	46.4	6.67	12.5	4.14	3.80	6.02	3.54	4.10	3.91	12.8	1922
1923	6.80	2.52	47.2	30.0	13.8	5.52	3.12	1.98	4.00	2.23	4.11	33.9	13.0	1923
1924	24.9	9.67	46.9	31.8	25.9	7.31	4.35	6.03	2.96	3.17	2.80	4.18	14.2	1924
1925	2.79	38.6	51.0	9.84	3.71	1.73	1.61	2.13	2.09	2.53	9.72	6.87	10.9	1925
1926	6.97	7.59	56.8	51.3	8.27	4.33	1.75	6.45	15.3	21.2	47.9	11.2	19.9	1926
1927	6.57	18.8	45.5	14.0	17.9	6.18	16.2	3.49	2.44	3.34	12.4	27.0	14.5	1927
1928	19.9	16.4	28.5	24.4	6.83	15.4	6.87	4.90	2.72	7.17	20.4	20.7	14.5	1928
1929	24.1	6.94	62.7	44.5	21.3	4.57	2.98	2.24	1.90	2.27	4.94	2.63	15.2	1929
1930	45.9	60.3	28.9	21.2	6.77	5.18	2.02	1.57	1.78	1.81	1.91	2.66	14.7	1930
1931	1.95	3.20	19.6	17.4	6.78	3.01	5.17	2.85	3.03	2.68	5.57	15.7	7.28	1931
1932	46.2	25.2	17.3	22.1	19.0	8.45	5.63	4.69	5.20	5.40	19.1	24.2	16.9	1932
1933	17.0	14.7	27.1	39.1	6.63	2.55	2.21	2.17	1.90	2.10	4.46	7.96	10.8	1933
1934	21.2	9.66	35.1	47.9	5.87	2.37	2.36	2.44	3.67	2.65	4.12	3.43	11.7	1934
1935	20.5	15.0	46.2	6.29	7.09	4.62	1.95	1.67	1.59	1.76	4.82	5.18	9.75	1935
1936	3.57	7.36	54.1	21.2	7.25	1.87	0.619	0.728	0.911	1.12	2.56	5.72	8.95	1936
1937	55.5	38.1	11.6	76.7	15.9	8.06	2.42	3.50	2.89	5.80	4.92	3.62	19.0	1937
1938	5.52	70.3	35.6	15.3	7.73	3.73	1.56	2.91	2.10	1.65	2.13	2.52	12.2	1938
1939	5.24	23.6	37.7	47.7	5.54	2.52	1.93	2.16	1.62	1.88	1.89	1.92	11.0	1939
1940	2.04	2.07	5.75	57.2	15.1	14.9	5.53	4.86	10.8	6.72	15.5	36.6	14.7	1940
1941	14.7	7.02	15.3	16.1	2.90	1.74	1.49	1.92	1.82	1.95	3.91	3.88	5.05	1941
1942	5.52	11.6	42.3	12.7	8.82	6.74	3.20	2.68	7.57	13.7	28.5	20.8	13.7	1942
1943	21.2	46.3	55.4	23.4	35.9	16.4	12.9	3.88	2.87	2.80	4.31	4.24	19.0	1943
1944	5.48	10.1	26.6	25.3	10.0	4.79	2.33	2.13	3.95	2.63	2.49	2.83	8.21	1944
1945	1.39	3.88	41.7	27.0	33.0	14.1	9.13	4.85	6.13	26.1	11.1	8.71	15.7	1945
1946	20.4	19.2	43.2	5.75	6.47	5.88	2.90	2.94	2.95	3.74	4.44	9.40	10.8	1946
1947	29.7	12.2	38.5	69.7	28.7	29.6	6.58	4.44	5.67	4.87	5.48	10.1	20.3	1947
1948	6.10	18.3	56.4	20.4	22.0	5.22	8.57	4.31	2.93	3.29	6.90	6.32	13.5	1948
1949	22.3	48.2	28.9	13.8	6.79	3.24	4.16	3.10	3.42	4.22	3.27	31.9	14.2	1949
1950	48.5	18.4	52.7	43.5	8.42	3.89	5.86	6.38	4.76	5.39	12.7	28.8	19.9	1950
1951	29.0	41.6	51.1	36.8	9.68	6.13	7.68	3.85	3.77	4.96	15.0	12.8	18.4	1951
1952	38.2	22.2	33.9	30.2	10.6	4.24	4.09	4.17	3.53	2.99	3.55	8.54	13.5	1952
1953	10.0	11.0	33.6	13.9	12.7	12.7	3.52	2.95	2.41	2.52	2.98	4.38	9.39	1953
1954	7.32	44.4	44.2	43.5	9.94	5.05	3.03	2.59	2.82	29.9	9.42	13.7	17.8	1954
1955	19.7	13.4	47.7	19.9	6.58	3.78	3.09	2.77	3.04	4.34	10.5	11.8	12.2	1955
1956	4.43	8.83	55.4	35.0	43.5	6.52	10.4	26.2	22.7	8.30	7.94	18.9	20.7	1956
1957	18.1	21.6	23.3	29.5	11.3	6.31	9.62	2.33	5.80	5.26	16.9	33.0	15.2	1957
1958	7.74	6.36	25.5	11.2	3.81	3.01	4.30	2.12	4.20	2.62	4.67	4.48	6.71	1958
1959	7.82	13.0	47.5	34.5	11.3	6.51	3.14	2.98	3.25	9.96	15.8	19.2	14.6	1959
1960	11.9	16.3	14.5	73.0	20.7	11.8	4.59	3.31	2.59	2.68	3.84	3.00	13.9	1960
1961	2.06	16.9	25.5	21.2	13.9	5.17	5.06	5.04	4.13	2.72	5.45	8.58	9.59	1961
1962	5.52	5.24	42.8	17.9	8.25	4.24	2.32	2.65	2.30	3.81	7.86	11.0	9.54	1962
1963	4.09	2.74	48.4	14.8	9.74	4.14	2.39	1.93	1.78	1.57	2.21	1.83	8.03	1963
1964	4.61	4.10	17.3	18.9	8.97	3.02	2.74	13.8	5.64	3.29	3.54	13.8	8.35	1964
1965	15.4	44.1	42.3	54.7	8.85	2.80	2.46	2.00	2.05	4.37	8.10	22.2	17.2	1965
1966	10.0	17.8	31.9	19.5	11.5	7.63	2.62	3.09	2.69	2.74	11.5	41.7	13.6	1966
1967	20.1	10.6	34.2	46.5	14.8	12.4	6.63	8.07	5.03	14.1	24.6	33.3	19.4	1967
1968	12.5	61.5	41.4	17.1	6.58	9.45	5.54	3.55	4.92	7.60	14.3	18.4	16.7	1968
1969	31.5	26.2	35.1	44.7	21.8	7.93	3.74	3.26	3.24	3.63	9.85	7.37	18.5	1969
1970	5.42	8.13	22.5	28.0	9.27	3.95	4.74	3.41	3.34	4.81	13.0	19.5	10.5	1970
1971	8.44	15.7	44.3	33.3	6.36	3.81	2.82	2.59	2.48	2.52	2.82	6.09	10.9	1971
1972	8.27	4.41	45.2	41.0	13.3	6.23	7.68	8.30	4.06	7.98	18.2	23.3	15.7	1972
1973	26.4	15.4	71.9	23.3	13.2	7.08	4.00	3.90	2.95	4.81	16.5	16.6	17.2	1973
1974	35.1	20.8	40.2	27.0	26.0	9.30	7.38	5.14	4.29	4.15	10.8	9.71	16.7	1974
1975	21.7	28.0	43.6	33.6	9.10	9.62	4.22	6.77	10.3	5.51	9.32	16.3	16.4	1975
1976	12.4	55.3	70.8	23.1	22.6	5.85	12.3	12.8	6.34	8.68	11.9	7.02	20.7	1976
1977	4.13	6.49	76.1	26.2	8.38	4.48	4.18	5.23	18.0	23.5	18.6	40.3	19.9	1977
1978	8.87	10.2	42.9	72.2	14.5	5.74	3.71	3.41	6.36	6.89	7.76	11.4	16.1	1978
1979	15.2	8.28	58.1	58.3	13.7	6.54	4.14	5.65	4.26	6.84	23.1	33.3	19.8	1979
1980	17.6	7.77	37.8	37.3	14.2	7.26	9.38	5.41	7.02	9.30	5.92	13.7	14.4	1980
1981	4.76	55.5	18.1	20.5	12.3	7.45	4.43	6.20	18.3	21.4	13.9	9.72	15.7	1981
1982	9.91	5.58	61.8	58.6	11.1	16.7	6.26	5.66	9.01	8.01	27.6	50.6	22.7	1982
1983	14.9	20.3	17.0	25.5	30.5	12.4	7.01	20.7	7.73	8.13	14.7	31.3	17.5	1983
1984	8.38	72.1	33.3	27.3	12.8	24.1	11.5	5.64	15.9	7.17	13.1	22.7	20.9	1984
MEAN	15.5	20.1	39.3	31.2	13.6	7.61	5.41	4.67	5.01	5.25	10.0	14.8	14.4	MEAN

LOCATION - LAT 42 58 21 N DRAINAGE AREA, 1 340 km²
LONG 81 12 35 W REGULATED SINCE 1967

THAMES RIVER NEAR EALING - STATION NO. 02GD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	185 ON JAN 4	1.08 ON NOV 6	807 000	1916
1917	---	135 ON MAR 24	1.08 ON FEB 12	513 000	1917
1918	---	193 ON FEB 26	0.057 ON AUG 5 *	378 000	1918
1919	---	147 ON MAR 17	0.906 ON AUG 11	384 000	1919
1920	---	221 ON MAR 13	1.36 ON AUG 9	317 000	1920
1921	---	180 ON DEC 18	1.90 ON JUL 7	453 000	1921
1922	---	165 ON APR 12	1.64 ON SEP 5	403 000	1922
1923	---	130 ON APR 7	1.05 ON AUG 6	411 000	1923
1924	---	134 ON MAR 25	1.64 ON SEP 1	450 000	1924
1925	---	216 ON MAR 20	1.19 ON SEP 3	344 000	1925
1926	---	261 ON MAR 23	1.13 ON JUL 26	528 000	1926
1927	---	121 ON JUL 24	1.81 ON SEP 28	458 000	1927
1928	---	115 ON MAR 14	2.27 ON SEP 10	458 000	1928
1929	---	208 ON MAR 15	1.50 ON SEP 9	478 000	1929
1930	---	71.9 ON APR 2	1.42 ON JUL 21	464 000	1930
1931	---	108 ON MAR 29	1.61 ON JUN 24	229 000	1931
1932	---	69.4 ON MAY 27	2.24 ON AUG 1	533 000	1932
1933	---	106 ON APR 2	1.56 ON NOV 6	334 000	1933
1934	---	149 ON APR 2	1.42 ON JUL 2	389 000	1934
1935	---	209 ON MAR 6	0.878 ON NOV 4	308 000	1935
1936	---	151 ON MAR 12	0.283 ON JUN 26	283 000	1936
1937	---	629 ON APR 27 *	1.02 ON AUG 1	599 000	1937
1938	447 AT 23:00 EST ON FEB 6	309 ON FEB 7	0.991 ON DEC 28	384 000	1938
1939	---	146 ON APR 19	1.27 ON OCT 7	348 000	1939
1940	---	229 ON APR 9	1.61 ON AUG 12	485 000	1940
1941	---	35.7 ON APR 20	0.821 ON JUL 2	191 000	1941
1942	---	178 ON MAR 9	1.30 ON SEP 6	431 000	1942
1943	---	275 ON MAR 17	1.53 ON OCT 11	589 000	1943
1944	---	73.3 ON APR 13	1.53 ON AUG 16	259 000	1944
1945	---	186 ON MAY 18	1.39 B ON JAN 1	484 000	1945
1946	---	161 ON MAR 8	1.78 ON SEP 30	334 000	1946
1947	---	382 ON APR 6	3.23 ON AUG 12	640 000	1947
1948	277 AT 03:00 EST ON MAR 17	244 ON MAR 20	2.61 ON SEP 5	427 000	1948
1949	---	235 ON FEB 15	2.61 ON JUN 27	447 000	1949
1950	354 AT 02:00 EST ON APR 5	283 ON APR 5	3.03 ON JUN 11	629 000	1950
1951	---	185 ON MAR 31	3.23 ON AUG 19	581 000	1951
1952	178 AT 03:00 EST ON MAR 12	139 ON MAR 12	2.21 ON OCT 27	427 000	1952
1953	193 AT 24:00 EST ON MAR 4	131 ON MAR 5	1.84 ON AUG 30	296 000	1953
1954	447 AT 02:00 EST ON FEB 17	343 ON FEB 17	2.15 ON AUG 29	582 000	1954
1955	---	162 ON MAR 12	1.78 ON OCT 2	386 000	1955
1956	408 AT 18:00 EST ON MAR 7	331 ON MAR 7	2.63 B ON JAN 23	654 000	1956
1957	190 AT 17:00 EST ON DEC 21	161 ON DEC 21	1.53 ON AUG 23	479 000	1957
1958	38.4 AT 15:00 EST ON MAR 24	38.2 ON MAR 24	1.78 ON AUG 19	212 000	1958
1959	120 AT 18:30 EST ON MAR 21	110 ON MAR 21	1.67 ON AUG 16	480 000	1959
1960	278 AT 20:00 EST ON MAR 31	233 ON APR 1	2.07 ON OCT 17	440 000	1960
1961	101 AT 18:00 EST ON FEB 24	94.9 ON FEB 24	1.56 ON JAN 24	302 000	1961
1962	121 AT 13:00 EST ON MAR 13	121 ON MAR 13	1.26 ON JUL 16	301 000	1962
1963	215 AT 08:00 EST ON MAR 26	205 ON MAR 26	1.29 ON OCT 14	254 000	1963
1964	74.8 AT 23:00 EST ON DEC 25	65.7 ON DEC 26	1.55 ON JAN 1	284 000	1964
1965	456 AT 04:00 EST ON FEB 11	382 ON FEB 11	1.55 ON AUG 30	544 000	1965
1966	244 AT 14:00 EST ON DEC 8	231 ON DEC 8	1.70 ON JUL 24	428 000	1966
1967	190 AT 20:00 EST ON APR 3	152 ON APR 3	3.17 ON SEP 20	611 000	1967
1968	671 AT 22:00 EST ON FEB 2 *	481 ON FEB 2	2.58 ON SEP 1	529 000	1968
1969	311 AT 06:51 EST ON JAN 31	266 ON JAN 31	2.49 ON AUG 11	519 000	1969
1970	86.8 AT 08:43 EST ON APR 3	81.7 ON APR 3	2.79 ON SEP 2	331 000	1970
1971	147 AT 08:49 EST ON MAR 16	136 ON MAR 16	1.85 ON AUG 9	344 000	1971
1972	207 AT 00:40 EST ON MAR 23	149 ON MAR 23	3.14 ON AUG 6	496 000	1972
1973	213 AT 16:43 EST ON MAR 12	200 ON MAR 12	2.67 ON SEP 9	544 000	1973
1974	222 AT 05:39 EST ON JAN 28	198 ON JAN 28	3.43 ON AUG 22	528 000	1974
1975	228 AT 04:31 EST ON FEB 25	177 ON FEB 25	3.37 ON JUL 12	518 000	1975
1976	473 AT 04:53 EST ON MAR 6	348 ON MAR 6	4.05 ON SEP 16	655 000	1976
1977	411 AT 17:15 EST ON MAR 13	326 ON MAR 13	3.14 ON JUL 5	629 000	1977
1978	237 AT 08:28 EST ON APR 2	216 ON APR 2	2.73 ON SEP 2	509 000	1978
1979	428 AT 10:03 EST ON MAR 5	385 ON MAR 5	2.97 ON JUL 24	626 000	1979
1980	212 AT 03:06 EST ON MAR 22	162 ON MAR 22	2.74 ON AUG 29	456 000	1980
1981	209 AT 05:25 EST ON FEB 24	193 ON FEB 24	3.16 ON JUL 16	496 000	1981
1982	284 AT 02:11 EST ON APR 1	241 ON APR 1	3.60 ON AUG 22	716 000	1982
1983	108 AT 13:59 EST ON DEC 13	103 ON DEC 13	3.16 ON JUL 28	553 000	1983
1984	445 AT 21:59 EST ON FEB 14	348 ON FEB 14	3.30 ON AUG 26	681 000	1984
				454 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

THAMES RIVER NEAR INGERSOLL - STATION NO. 02GD006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1938	---	---	12.2	4.88	2.37	---	---	---	---	---	---	---	---	1938
1939	---	---	14.0	16.1	2.04	---	---	---	---	---	---	---	---	1939
1940	---	---	---	25.1	5.81	---	---	---	---	---	---	---	---	1940
1941	---	---	---	5.78	1.15	---	---	---	---	---	---	---	---	1941
1942	---	---	---	6.57	---	---	---	---	---	---	---	---	---	1942
1943	---	---	24.5	11.7	---	---	---	---	---	---	---	---	---	1943
1944	---	---	---	11.9	---	---	---	---	---	---	---	---	---	1944
1945	---	---	---	10.4	---	---	---	---	---	5.89	4.15	3.03	---	1945
1946	---	---	19.7	2.38	2.20	1.87	0.894	0.333	0.281	1.07	1.78	3.74	---	1946
1947	5.86	2.41	19.0	29.6	12.5	14.1	2.28	1.12	0.866	0.604	1.04	2.71	7.89	1947
1948	---	---	23.7	8.75	7.84	1.37	3.45	0.831	0.278	0.439	2.03	1.93	---	1948
1949	8.94	20.0	12.1	5.53	1.78	0.739	0.772	0.590	0.658	0.954	0.854	11.6	5.30	1949
1950	20.0	7.38	22.4	17.5	2.70	1.45	2.12	1.67	1.24	1.43	5.69	12.9	8.06	1950
1951	12.3	17.0	22.1	17.2	3.77	2.33	2.57	1.01	0.896	1.38	5.74	4.06	7.54	1951
1952	15.4	9.73	16.2	14.5	3.58	1.52	0.978	0.923	0.795	0.897	1.15	2.53	5.68	1952
1953	4.21	5.07	17.4	5.91	5.85	8.57	1.18	0.726	0.560	0.557	0.796	1.24	4.34	1953
1954	2.25	18.6	21.2	20.3	3.91	2.06	1.35	0.632	0.648	11.9	2.53	5.37	7.48	1954
1955	8.54	5.41	18.8	9.30	---	---	---	---	---	---	---	---	---	1955
1956	1.76	3.37	22.5	14.8	18.6	2.74	4.37	12.5	9.17	3.33	3.16	7.79	8.72	1956
1957	8.25	---	---	---	---	---	---	---	---	---	---	---	---	1957
MEAN	8.75	9.89	19.0	12.5	5.30	3.67	2.01	2.03	1.54	2.91	2.63	5.25	6.85	MEAN

LOCATION - LAT 43 01 07 N DRAINAGE AREA, 554 km²
LONG 80 55 33 W NATURAL FLOW

REMARKS - SEASONAL REGULATION

THAMES RIVER NEAR INGERSOLL - STATION NO. 02GD006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1938	---	---	---	---	1938
1939	---	---	---	---	1939
1940	---	---	---	---	1940
1941	---	---	---	---	1941
1942	---	---	---	---	1942
1943	---	---	---	---	1943
1944	---	---	---	---	1944
1945	---	---	---	---	1945
1946	---	85.7 ON MAR 8	0.113 ON SEP 28 *	---	1946
1947	---	133 ON APR 5	0.340 ON SEP 20	243 000	1947
1948	---	105 ON MAR 20	0.113 ON SEP 19	---	1948
1949	---	95.4 ON FEB 15	0.396 ON AUG 18	187 000	1949
1950	138 R ON APR 4 *	110 ON APR 4	0.880 ON AUG 24	254 000	1950
1951	---	77.5 ON MAR 31	0.823 ON SEP 5	236 000	1951
1952	---	88.2 ON MAR 12	0.453 ON SEP 28	179 000	1952
1953	93.7R AT 22:00 EST ON MAR 4	78.9 ON MAR 4	0.283 ON DEC 31	137 000	1953
1954	---	135 ON FEB 18	0.283 ON JAN 8	236 000	1954
1955	---	---	---	---	1955
1956	---	140 ON MAR 7 *	1.02 ON JAN 27	278 000	1956
1957	---	---	---	---	1957
				218 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

THREE MILE CREEK AT MOUNT HOPE - STATION NO. 02HA016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	0.161	0.145	0.020	0.008	0	0	0.001	0.001	0.001	0.008	---	1980
1981	0	0.082	0.013	0.025	0.008	0.004	0.012	0.178	0.155	0.062	0.038	0.018	0.047	1981
1982	0.012	0.002	0.418	0.063	0.003	0.125	0	0.002	0.022	0.007	0.085	0.130	0.073	1982
1983	0.018	0.070	0.092	0.102	0.208	0.034	0.001	0.012	0	0.008	0.058	0.158	0.064	1983
1984	0.004	0.185	0.153	0.097	0.038	0.112	0.002	0.001	0.042	0.002	0.038	0.055	0.061	1984
MEAN	0.009	0.082	0.167	0.086	0.056	0.057	0.003	0.038	0.044	0.016	0.044	0.073	0.061	MEAN

LOCATION - LAT 43 08 56 N DRAINAGE AREA, 4.38 km²
LONG 79 54 34 W NATURAL FLOW

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE

THREE MILE CREEK AT MOUNT HOPE - STATION NO. 02HA016

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1980	2.65 AT 19:45 EST ON APR 14	1.25 ON MAR 21	0 ON FEB 7 *	---	1980
1981	5.64 AT 18:09 EST ON AUG 13 *	1.33 ON AUG 13	0B ON JAN 1	1 480	1981
1982	2.92 AT 09:56 EST ON DEC 25	1.90 B ON MAR 13	0B ON JAN 10	2 280	1982
1983	2.24 AT 03:37 EST ON FEB 3	0.886 ON FEB 3	0B ON JAN 18	2 010	1983
1984	3.74 AT 04:42 EST ON FEB 14	2.09 ON JUN 18 *	0 ON JUN 11	1 930	1984
				1 930	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

TOMIKO RIVER AT OUTLET OF TOMIKO LAKE - STATION NO 02DC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1941	---	---	---	---	---	---	---	---	---	---	---	7.53	---	1941
1942	1.49	0	11.1	24.2	14.4	6.58	2.37	1.41	4.83	4.15	1.60	1.42	6.15	1942
1943	7.68	2.59	10.1	17.8	22.3	13.9	2.92	2.86	6.76	3.37	5.63	5.74	8.48	1943
1944	1.97	1.58	10.3	12.9	8.09	2.88	2.27	6.16	2.70	7.13	4.14	3.85	5.35	1944
1945	2.64	2.09	17.7	7.84	9.67	7.15	3.48	3.25	4.88	9.10	12.1	3.01	6.93	1945
1946	5.14	3.70	25.6	8.39	14.6	3.76	3.75	3.70	4.20	0.485	0.104	5.27	6.61	1946
1947	3.00	2.71	13.9	30.8	31.1	17.9	8.24	6.41	3.45	2.88	3.80	3.80	10.7	1947
1948	3.56	3.03	3.85	34.0	14.7	2.61	10.4	2.22	5.17	1.18	8.55	6.99	8.00	1948
1949	5.85	5.91	15.7	29.3	13.2	5.92	3.55	9.79	2.03	0.907	0.870	1.02	7.83	1949
1950	6.26	4.21	10.9	19.6	16.9	6.37	5.50	3.84	7.05	4.79	2.91	2.48	7.58	1950
1951	2.45	5.12	13.6	44.9	12.1	2.75	8.45	1.08	5.77	25.5	15.2	12.9	12.5	1951
1952	2.12	7.37	13.8	22.3	10.1	7.80	3.10	15.7	8.80	9.50	4.58	11.5	9.74	1952
1953	8.81	6.42	24.8	20.0	7.45	4.68	4.19	6.95	2.69	0.061	0.057	0.057	7.18	1953
1954	0.898	0.969	15.2	22.3	11.2	19.9	3.74	3.36	4.98	17.8	13.5	8.26	10.0	1954
1955	4.81	4.81	9.06	18.4	2.03	4.28	2.69	2.75	5.71	6.98	15.8	7.48	7.02	1955
1956	2.46	3.49	8.54	9.63	18.2	6.56	3.55	5.04	9.57	6.96	10.7	5.14	7.66	1956
1957	4.02	4.07	8.37	24.7	4.06	9.46	20.1	5.63	7.04	8.10	19.9	17.4	11.1	1957
1958	5.11	7.40	10.7	2.35	5.54	2.82	6.22	2.50	0.225	1.74	2.43	1.42	4.03	1958
1959	2.78	4.80	4.65	23.3	15.7	5.99	2.59	1.12	10.3	9.50	15.4	8.28	8.69	1959
1960	3.49	8.53	9.74	24.8	22.5	9.80	18.2	6.02	2.86	---	---	---	---	1960
MEAN	3.92	4.15	12.5	20.9	13.4	7.44	5.07	4.72	5.22	5.78	7.62	5.88	8.09	MEAN

LOCATION - LAT 46 30 05 N DRAINAGE AREA, 570 km²
LONG 78 53 36 W REGULATED

TOMIKO RIVER AT OUTLET OF TOMIKO LAKE - STATION NO 02DC006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1941	---	---	---	---	1941
1942	---	46.4 ON MAR 20	0 E ON JAN 21 *	194 000	1942
1943	---	53.2 ON MAY 1	0.651E ON FEB 25	268 000	1943
1944	---	37.9E ON APR 27	0.991E ON SEP 22	169 000	1944
1945	---	46.7 ON MAR 31	0.311E ON APR 17	219 000	1945
1946	---	51.8E ON MAR 20	0.085E ON NOV 15	208 000	1946
1947	---	54.4E ON APR 27	0.453E ON NOV 21	337 000	1947
1948	---	48.1E ON APR 10	0.057E ON AUG 7	253 000	1948
1949	---	45.0 ON APR 16	0.765 ON NOV 5	247 000	1949
1950	---	38.1 ON APR 20	0.863E ON NOV 1	239 000	1950
1951	---	69.7 ON APR 15	0.255E ON SEP 2	383 000	1951
1952	---	70.8 ON AUG 12	0.850E ON JUN 27	308 000	1952
1953	---	58.5E ON MAR 30	0.057 ON JUL 31	227 000	1953
1954	---	56.6E ON JUN 8	0.057E ON JAN 1	316 000	1954
1955	---	37.4E ON NOV 3	0.198E ON MAY 7	222 000	1955
1956	---	38.5E ON SEP 22	0.311E ON AUG 26	242 000	1956
1957	---	68.2E ON JUL 2	0.311E ON MAY 7	350 000	1957
1958	---	16.6E ON AUG 5	0.057E ON AUG 22	127 000	1958
1959	---	40.2E ON SEP 10	0.198E ON AUG 8	274 000	1959
1960	---	72.5E ON JUL 28 *	---	---	1960
				255 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TRENT CANAL LOCK 42 NEAR WASHAGO - STATION NO 02EC016

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	0	0	0	0	0	0	0	0	0	0	0	0	0	1983
1984	0	0	0	0	0	0	0	0	0	0	0	0	0	1984
1985	0	0	0	0	0	0	0	0	0	0	0	0	0	1985
1986	0	0	0	0	0	0	0	0	0	0	0	0	0	1986
1987	0	0	0	0	0	0	2.89	0	0	0	0	0	0.229	1987
1988	13.5	22.6	8.22	0	0	0	0	0	0	0	0	0	3.46	1988
1989	0	0	0	0	0	0	0	0	0	0	0	0	0	1989
1990	0	0	0	0	0	0	0	0	0	0	0	0	0	1990
1991	0	0	0	0	0	0	0	0	0	0	0	0	0	1991
1992	0	0	0	0	4.33	0	0	0	0	0	0	0	0.367	1992
1993	12.1	0.757	0	14.4	0	0	0	0	0	0	0	0	2.27	1993
1994	0	0	9.55	5.86	0	0	0	0	0	0	0	0	1.28	1994
1995	0	0	0	0	4.84	0	0	0	0	0	0	0	0.384	1995
1996	0	0	5.88	5.86	0	0	0	0	0	0	0	0	0.962	1996
1997	0	0	0	0	0	0	0	0	0	0	0	0	0	1997
1998	0	13.1	0	0	0	0	0	0	0	0	0	0	1.00	1998
1999	0	0	11.7	0	3.16	0	0	0	0	0	0	0	1.28	1999
2000	0	0	0	9.18	2.86	0	0	0	0	0	0	0	1.00	2000
2001	0	0.106	4.56	8.60	2.98	0	0	0	0	0	0	0	1.35	2001
2002	0	0	0.332	7.72	0	0	0	0	0	0	0	1.04	0.751	2002
2003	21.6	12.7	0	0	18.9	0	0	0	0	0	0	0	4.40	2003
2004	0	10.5	20.2	0.692	0	0	0	0	0	0	0	0	2.80	2004
MEAN	2.14	2.72	2.66	2.38	1.68	0	0.122	0	0	0	0	0.047	0.969	MEAN

LOCATION - LAT 44 48 11 N
LONG 79 21 01 W REGULATED

DATA CONTRIBUTED BY - PARKS CANADA (DOE) (CANADA)

REMARKS - STATION CREATED IN 1983 FOLLOWING REVIEW OF FLOWS AND STATIONS IN WASHAGO AREA

TRENT CANAL LOCK 42 NEAR WASHAGO - STATION NO. 02EC018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	0 ON JAN 1	0 ON JAN 1 *	0	1963
1964	---	0 ON JAN 1	0 ON JAN 1	0	1964
1965	---	0 ON JAN 1	0 ON JAN 1	0	1965
1966	---	0 ON JAN 1	0 ON JAN 1	0	1966
1967	---	17.0 ON JUL 3	0 ON JAN 1	7 210	1967
1968	---	23.2 ON JAN 15 *	0 ON JAN 1	110 000	1968
1969	---	0 ON JAN 1	0 ON JAN 1	0	1969
1970	---	0 ON JAN 1	0 ON JAN 1	0	1970
1971	---	0 ON JAN 1	0 ON JAN 1	0	1971
1972	---	22.7 ON MAY 20	0 ON JAN 1	11 600	1972
1973	---	22.7 ON APR 4	0 ON JAN 1	71 600	1973
1974	---	22.7 ON MAR 16	0 ON JAN 1	40 300	1974
1975	---	22.7 ON MAY 6	0 ON JAN 1	12 400	1975
1976	---	22.7 ON MAR 20	0 ON JAN 1	30 500	1976
1977	---	0 ON JAN 1	0 ON JAN 1	0	1977
1978	---	22.5 ON FEB 25	0 ON JAN 1	31 700	1978
1979	---	22.7 ON MAR 9	0 ON JAN 1	39 700	1979
1980	---	20.6 ON APR 18	0 ON JAN 1	31 700	1980
1981	---	20.4 ON MAR 5	0 ON JAN 1	42 400	1981
1982	---	21.5 ON DEC 31	0 ON JAN 1	23 700	1982
1983	---	21.5 ON JAN 1	0 ON FEB 18	139 000	1983
1984	---	22.7 ON FEB 22	0 ON JAN 1	82 200	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		30 800	MEAN

TRENT RIVER AT GLEN ROSS - STATION NO 02HK004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	55.8	35.4	74.3	---	1963
1964	73.7	75.0	73.4	184	132	86.4	43.8	28.5	41.8	29.1	20.8	47.7	67.8	1964
1965	88.8	127	143	342	200	48.3	44.1	32.3	43.5	98.1	152	250	131	1965
1966	285	152	255	135	120	118	35.5	31.8	33.1	38.3	82.2	328	135	1966
1967	172	191	128	270	156	200	259	86.6	63.8	223	378	526	196	1967
1968	212	201	220	212	81.4	81.8	34.2	33.8	42.6	44.8	58.0	157	113	1968
1969	108	158	147	351	345	92.0	78.4	46.8	28.5	47.1	90.8	97.8	132	1969
1970	88.2	101	117	253	154	81.3	84.5	44.8	47.7	70.0	93.6	140	105	1970
1971	114	112	128	403	228	48.6	48.4	30.3	40.8	56.0	45.9	118	114	1971
1972	134	130	106	351	342	144	137	81.1	53.8	103	230	218	170	1972
1973	244	214	388	413	185	82.7	43.8	40.5	28.6	71.7	109	161	165	1973
1974	172	174	185	409	368	103	58.1	41.4	48.6	96.9	165	217	189	1974
1975	194	146	272	348	223	51.0	21.2	19.8	47.9	27.4	48.7	105	125	1975
1976	135	157	305	505	194	82.1	74.4	37.0	86.0	61.2	89.8	107	148	1976
1977	125	98.3	215	173	43.1	17.6	17.3	23.8	36.8	115	154	255	105	1977
1978	235	177	124	448	280	44.8	16.5	21.6	52.0	93.1	144	130	147	1978
1979	151	153	350	421	192	98.2	31.0	42.2	43.3	120	187	243	159	1979
1980	218	71.9	218	476	145	87.7	81.3	87.7	87.2	102	171	177	159	1980
1981	123	266	290	226	180	107	46.4	50.4	140	151	183	136	158	1981
1982	123	109	173	452	187	176	55.0	36.2	61.1	104	205	350	158	1982
1983	301	175	141	295	388	92.4	24.2	31.0	31.1	51.9	97.8	128	148	1983
1984	111	223	282	441	205	80.7	37.3	44.5	70.8	46.8	114	142	148	1984
MEAN	162	153	203	338	205	86.8	61.1	43.0	51.7	82.0	130	173	141	MEAN

LOCATION - LAT 44 15 50 N DRAINAGE AREA, 12 000 km^2
LONG 77 36 10 W REGULATED

TRENT RIVER AT GLEN ROSS - STATION NO 02HK004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	---	311 ON APR 22	10.8E ON AUG 4 *	2 150 000	1964
1965	456 AT 15:30 EST ON APR 29	450 ON APR 20	14.0 ON JUN 15	4 120 000	1965
1966	453 AT 07:00 EST ON JAN 14	439 ON DEC 15	13.8 ON JUL 26	4 240 000	1966
1967	430 AT 14:00 EST ON NOV 17	425 ON NOV 18	26.8 ON SEP 11	5 170 000	1967
1968	442 AT 11:00 EST ON MAR 20	419 ON MAR 21	11.6 ON AUG 4	3 570 000	1968
1969	530 AT 09:25 EST ON MAY 22	510 ON MAY 23	18.4 ON SEP 17	4 180 000	1969
1970	391 AT 09:13 EST ON APR 24	385 ON APR 25	20.5 ON AUG 10	3 300 000	1970
1971	518 AT 23:42 EST ON APR 29	518 ON APR 29	21.2 ON AUG 15	3 580 000	1971
1972	515 AT 03:00 EST ON APR 16	513 ON APR 16	41.1E ON SEP 15	5 370 000	1972
1973	584 AT 18:41 EST ON APR 11	584 ON APR 12	16.1 ON JUL 16	5 200 000	1973
1974	493 AT 10:59 EST ON APR 24	481 ON APR 25	18.3 ON AUG 25	5 320 000	1974
1975	---	478A ON APR 30	12.1 ON AUG 12	3 850 000	1975
1976	705 AT 18:32 EST ON APR 7 *	702 ON APR 7 *	16.6 ON JUN 22	4 720 000	1976
1977	382 AT 10:21 EST ON MAR 15	351 ON MAR 15	11.8 ON JUL 28	3 380 000	1977
1978	518 AT 18:01 EST ON APR 7	515 ON APR 24	12.7 ON JUL 13	4 630 000	1978
1979	647 AT 16:24 EST ON APR 7	634 ON APR 7	16.8 ON JUL 25	5 330 000	1979
1980	670 AT 14:00 EST ON MAR 24	595 ON MAR 25	19.5 ON JUL 12	5 030 000	1980
1981	---	581 ON FEB 27	21.4 ON JUL 17	4 930 000	1981
1982	536 AT 09:20 EST ON APR 26	534 ON APR 26	20.5 ON SEP 8	5 280 000	1982
1983	439 AT 15:53 EST ON MAY 20	437 ON MAY 20	14.8 ON JUL 20	4 610 000	1983
1984	613 AT 21:19 EST ON APR 6	580 ON APR 7	14.7 ON AUG 8	4 890 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		4 480 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX) E - ESTIMATED

TRENT RIVER AT HEALEY FALLS - STATION NO. 02HK002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1949	---	---	---	---	---	---	---	---	---	45.3	58.6	97.8	---	1949
1950	282	187	127	241	103	35.6	25.0	23.4	31.9	38.6	45.9	120	100	1950
1951	132	124	137	378	243	43.0	58.3	25.2	45.1	48.4	83.3	120	120	1951
1952	134	142	138	285	123	82.9	30.0	25.3	38.9	27.2	39.5	102	85.3	1952
1953	92.5	78.5	126	170	145	81.2	31.3	34.2	34.2	31.0	30.9	59.1	74.5	1953
1954	87.9	114	175	226	116	52.5	35.0	30.8	56.2	178	126	86.1	107	1954
1955	105	82.2	158	235	87.0	28.5	23.4	44.5	23.8	87.6	143	85.5	89.9	1955
1956	70.3	82.5	81.0	188	218	101	43.4	41.7	69.6	58.3	55.0	88.5	88.3	1956
1957	88.3	108	84.8	119	92.9	42.5	130	27.8	55.8	44.0	84.8	136	84.5	1957
1958	138	88.7	82.6	115	32.7	17.6	16.8	15.8	43.5	35.0	34.9	52.6	53.2	1958
1959	84.9	102	73.8	219	157	57.1	43.1	22.2	27.7	62.1	73.6	119	87.4	1959
1960	108	110	91.1	385	381	107	40.9	39.0	32.5	27.8	35.7	43.8	115	1960
1961	36.7	31.4	64.2	101	91.5	72.4	42.3	31.0	51.8	29.3	28.8	52.3	52.2	1961
1962	71.5	62.3	87.9	80.5	41.1	28.6	20.9	20.3	21.8	53.5	91.7	87.4	53.9	1962
1963	72.2	70.8	77.5	116	121	34.3	18.0	36.7	44.0	45.4	28.3	58.4	60.0	1963
1964	85.1	84.6	61.4	118	82.6	42.6	28.1	21.3	25.9	26.8	30.9	38.4	49.6	1964
1965	82.6	117	117	208	127	28.3	28.8	25.8	36.3	86.5	144	197	89.2	1965
1966	151	103	158	61.1	85.5	62.1	23.0	23.5	24.8	28.6	81.0	223	85.5	1966
1967	114	111	73.8	159	101	132	177	58.6	47.9	169	241	151	128	1967
1968	184	168	159	120	47.3	38.1	33.0	25.5	31.0	41.5	47.8	134	82.8	1968
1969	76.3	108	79.4	208	216	75.7	86.1	32.1	19.4	42.1	72.0	79.2	88.2	1969
1970	82.2	88.2	78.8	178	80.4	34.0	54.0	33.2	39.7	63.2	72.8	105	72.4	1970
1971	83.0	90.0	101	229	114	33.2	35.0	24.1	31.2	39.4	36.8	78.9	75.3	1971
1972	111	101	78.7	244	217	105	80.5	62.0	38.0	75.4	174	156	121	1972
1973	161	185	268	309	132	50.1	30.0	31.7	22.1	52.5	83.4	125	120	1973
1974	130	134	115	294	263	83.5	37.2	32.8	35.3	88.7	120	140	121	1974
1975	128	95.7	194	224	125	37.4	18.5	15.9	36.4	26.3	41.4	63.4	83.5	1975
1976	105	119	225	338	140	40.6	50.2	33.1	52.2	47.6	83.0	87.7	107	1976
1977	74.3	85.8	148	129	27.5	15.4	15.5	24.9	33.1	71.4	110	175	74.5	1977
1978	153	110	82.5	280	182	27.1	15.6	23.4	46.4	58.3	83.0	87.9	88.0	1978
1979	111	102	241	281	132	50.8	28.5	36.3	37.6	70.6	105	173	114	1979
1980	105	94.1	139	340	76.0	53.8	81.6	84.8	53.1	71.7	124	130	111	1980
1981	93.3	184	184	146	97.0	63.1	28.8	35.7	61.0	87.4	125	83.2	101	1981
1982	95.4	85.0	106	291	81.5	114	34.8	35.9	52.1	74.6	170	268	118	1982
1983	203	112	72.1	172	272	84.3	17.1	24.2	23.8	40.3	74.0	87.0	85.8	1983
1984	85.5	188	201	255	114	40.3	30.9	39.9	70.7	39.7	88.3	103	102	1984
MEAN	113	105	125	211	133	55.3	40.8	32.0	40.4	58.9	84.6	110	92.3	MEAN

LOCATION - LAT 44 22 14 N DRAINAGE AREA, 9 090 km²
LONG 77 46 42 W REGULATED

REMARKS - DAILY DISCHARGES ARE A TOTAL OF ONT. HYDRO RECORDS AT HEALEY FALLS PLUS RECORDED SPILLWAY RECORDS

TRENT RIVER AT HEALEY FALLS - STATION NO. 02HK002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1949	---	---	---	---	1949
1950	---	320 ON APR 8	9.37 ON JUL 30	3 170 000	1950
1951	---	566 ON MAY 4 *	10.1 ON AUG 26	3 790 000	1951
1952	---	343 ON APR 23	10.1 ON AUG 24	3 010 000	1952
1953	---	309 ON APR 5	8.41 ON AUG 23	2 350 000	1953
1954	---	385 ON APR 20	9.00 ON JUL 11	3 370 000	1954
1955	---	272 ON APR 22	14.4 ON MAY 21	2 840 000	1955
1956	---	300 ON MAY 11	15.3 ON SEP 23	2 830 000	1956
1957	---	297 ON JUL 5	14.1 ON JUL 28	2 680 000	1957
1958	---	227 ON JAN 4	10.2 ON JUL 1	1 880 000	1958
1959	---	289 ON APR 22	10.8 ON AUG 8	2 760 000	1959
1960	---	493 ON APR 27	22.1 ON AUG 7	3 640 000	1960
1961	---	203 ON APR 27	13.4 ON JUL 8	1 850 000	1961
1962	---	180 ON MAR 31	10.2 ON AUG 25	1 700 000	1962
1963	---	189 ON MAY 13	8.83 ON JUL 1	1 880 000	1963
1964	---	208 ON APR 18	3.68 ON AUG 2	1 570 000	1964
1965	---	276 ON APR 29	8.21 ON JUN 18	3 130 000	1965
1966	---	320 ON DEC 17	7.85 ON JUL 24	2 700 000	1966
1967	---	305 ON JUL 4	13.3 ON SEP 17	4 030 000	1967
1968	---	258 ON APR 3	3.11 ON AUG 2 *	2 620 000	1968
1969	---	343 ON MAY 22	11.8 ON SEP 14	2 780 000	1969
1970	---	253 ON APR 22	7.85 ON AUG 9	2 280 000	1970
1971	---	300 ON APR 14	11.3 ON JUN 20	3 370 000	1971
1972	---	354 ON APR 15	27.4 ON SEP 24	3 820 000	1972
1973	---	442 ON APR 13	8.44 ON JUL 15	3 800 000	1973
1974	---	345 ON APR 23	13.8 ON AUG 24	3 810 000	1974
1975	---	323 ON MAR 23	5.21 ON AUG 9	2 840 000	1975
1976	---	442 ON APR 10	14.8 ON JUN 17	3 370 000	1976
1977	---	292 ON MAR 18	8.58 ON JUL 27	2 380 000	1977
1978	---	343 ON APR 28	8.54 ON JUL 14	3 080 000	1978
1979	---	408 ON APR 6	14.5 ON JUL 20	3 600 000	1979
1980	---	388 ON APR 18	12.0 ON JUL 13	3 510 000	1980
1981	---	391 ON FEB 28	16.8 ON JUL 15	3 180 000	1981
1982	---	344 ON APR 25	19.9 ON JUL 10	3 730 000	1982
1983	---	330 ON MAY 20	8.85 ON JUN 24	3 050 000	1983
1984	---	310 ON APR 7	18.2 ON AUG 3	3 230 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		2 910 000	MEAN

TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	---	---	---	0.002	0.001	0.005	0.007	0.012	0.018	---	1982
1983	0.007	0.003	0.018	0.051	0.068	0.014	0.002	0.002	0.004	0.008	0.015	0.008	0.017	1983
1984	0.004	0.005	0.008	0.059	0.025	0.008	0.009	0.002	0.002	0.004	0.012	0.009	0.012	1984
MEAN	0.006	0.005	0.013	0.055	0.047	0.011	0.004	0.002	0.004	0.006	0.013	0.012	0.015	MEAN

LOCATION - LAT 45 02 32 N LONG 77 22 56 W DRAINAGE AREA, 2.88 km²

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE

TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1982	---	---	0 ON JUL 23 *	---	1982
1983	0.229 AT 09:47 EST ON MAY 8 *	0.218 ON MAY 8 *	0 ON SEP 8	524	1983
1984	0.195 AT 08:15 EST ON APR 8	0.122 ON APR 7	0 ON AUG 24	384	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		454	MEAN

TROUT CREEK NEAR FAIRVIEW - STATION NO. 02GD019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	0.032	0.049	0.045	0.062	0.588	1.40	---	1966
1967	0.836	0.311	1.39	1.25	0.198	1.12	0.180	0.138	0.040	0.821	0.982	1.27	0.704	1967
1968	0.350	1.54	1.53	0.315	0.170	0.094	0.044	0.031	0.183	0.342	0.770	0.526	0.487	1968
1969	0.679	1.04	2.13	1.51	0.437	0.102	0.057	0.058	0.070	0.070	0.186	0.088	0.530	1969
1970	0.085	0.241	0.843	2.10	0.341	0.055	0.043	0.005	0.040	0.225	0.778	0.730	0.456	1970
1971	0.197	0.508	1.08	2.30	0.124	0.057	0.027	0.007	0.005	0.022	0.085	0.314	0.389	1971
1972	0.274	0.083	1.30	2.48	0.192	0.087	0.064	0.038	0.043	0.254	0.438	0.830	0.506	1972
1973	1.30	0.288	2.61	0.584	0.457	0.076	0.082	0.065	0.029	0.058	0.826	0.474	0.573	1973
1974	1.15	0.519	1.55	1.13	1.22	0.096	0.057	0.043	0.032	0.033	0.122	0.040	0.502	1974
1975	0.821	0.804	1.53	1.95	0.175	0.139	0.070	0.056	0.110	0.080	0.121	0.775	0.537	1975
1976	0.274	2.14	2.15	0.928	0.499	0.073	0.060	0.177	0.103	0.117	0.231	0.148	0.571	1976
1977	0.092	0.061	2.94	0.782	0.082	0.087	0.039	0.038	0.619	0.750	0.564	1.03	0.596	1977
1978	0.263	0.128	0.575	3.80	0.311	0.105	0.064	0.039	0.183	0.143	0.181	0.349	0.517	1978
1979	0.613	0.244	2.83	1.72	0.275	0.089	0.046	0.034	0.032	0.086	0.755	1.21	0.683	1979
1980	0.280	0.098	1.83	1.02	0.377	0.221	0.063	0.048	0.052	0.119	0.078	0.427	0.375	1980
1981	0.042	2.14	0.493	0.485	0.222	0.090	0.049	0.044	0.430	0.808	0.275	0.210	0.429	1981
1982	0.234	0.060	2.56	2.05	0.221	0.241	0.085	0.125	1.20	0.245	1.48	1.83	0.864	1982
1983	0.398	0.680	0.525	0.834	0.983	0.478	0.894	0.537	0.253	0.311	0.721	0.933	0.629	1983
1984	0.155	2.97	1.46	0.862	0.390	0.354	0.122	0.095	0.428	0.685	0.508	1.10	0.884	1984
MEAN	0.457	0.758	1.82	1.44	0.371	0.198	0.109	0.086	0.205	0.232	0.512	0.720	0.556	MEAN

LOCATION - LAT 43 17 43 N LONG 80 58 24 W DRAINAGE AREA, 38.0 km² NATURAL FLOW

TROUT CREEK NEAR FAIRVIEW - STATION NO. 02GD019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1966	---	---	---	---	1966
1967	21.1 AT 00:30 EST ON APR 3	9.54 ON JAN 25	0 ON SEP 5 *	22 200	1967
1968	22.38 AT 14:00 EST ON FEB 2	17.2 B ON FEB 2	0 ON AUG 30	15 400	1968
1969	17.4 AT 23:30 EST ON MAR 20	11.6 ON MAR 21	0 ON AUG 31	16 700	1969
1970	18.6 AT 19:39 EST ON APR 8	11.0 ON APR 8	0 ON JUN 28	14 400	1970
1971	16.3 AT 04:54 EST ON APR 2	13.1 ON APR 2	0 ON AUG 1	12 300	1971
1972	16.5 AT 10:10 EST ON APR 13	12.0 ON APR 13	0.031 ON AUG 21	18 000	1972
1973	15.8 AT 15:35 EST ON MAR 11	8.88 ON MAR 11	0.022 ON SEP 4	18 100	1973
1974	19.8 AT 02:12 EST ON MAR 5	12.0 ON MAY 17	0.024 ON SEP 27	15 800	1974
1975	24.8 AT 04:21 EST ON APR 19	15.0 ON APR 19	0.008 ON JAN 3	18 800	1975
1976	19.8 AT 16:50 EST ON MAR 5	8.80 ON MAR 5	0.034 ON AUG 12	18 000	1976
1977	22.7 AT 03:07 EST ON MAR 13	18.3 ON MAR 13	0.005 ON AUG 28	18 800	1977
1978	17.4 AT 19:41 EST ON APR 7	14.8 ON APR 11	0.025 ON SEP 7	18 300	1978
1979	22.0 AT 00:13 EST ON APR 14	17.0 ON APR 14	0.020 ON SEP 27	20 800	1979
1980	21.1 AT 12:32 EST ON MAR 21	14.1 ON MAR 21	0.028 ON AUG 27	11 800	1980
1981	15.9 AT 18:02 EST ON FEB 23	11.4 ON FEB 23	0.025 ON AUG 24	13 500	1981
1982	44.3 AT 02:28 EST ON MAR 31 *	25.8 ON MAR 31 *	0.036 ON AUG 18	27 200	1982
1983	39.4 AT 07:04 EST ON JUL 29	14.2 ON JUL 29	0.085 ON JUL 15	18 800	1983
1984	18.2 AT 19:08 EST ON FEB 14	14.1 ON FEB 14	0.037 ON AUG 4	21 800	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		17 600	MEAN

TROUT CREEK NEAR ST. MARYS - STATION NO. 02GD008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	---	---	---	3.44	1.52	---	---	1945
1946	---	---	5.13	0.802	0.803	0.548	0.386	0.275	0.262	0.363	0.511	---	---	1946
1947	---	---	---	19.0	3.64	3.69	1.12	0.483	0.528	0.471	0.562	---	---	1947
1948	---	---	---	2.31	2.64	0.614	0.575	0.371	0.206	0.293	0.635	---	---	1948
1949	---	---	3.17	1.09	0.451	0.375	0.364	0.222	0.294	0.598	0.546	---	---	1949
1950	---	---	---	5.98	1.21	0.607	0.515	0.419	0.354	0.371	0.630	---	---	1950
1951	---	---	---	4.32	1.38	0.913	0.709	0.415	0.501	0.482	1.37	1.18	---	1951
1952	3.10	2.22	4.96	3.68	1.51	0.375	0.283	0.242	0.185	0.236	0.382	0.318	1.45	1952
1953	---	---	4.36	1.18	2.18	3.27	0.707	0.387	0.398	0.335	0.433	0.492	---	1953
1954	0.829	6.41	5.92	4.84	1.19	0.586	0.356	0.293	0.375	3.60	0.874	1.72	2.22	1954
1955	2.06	1.09	5.97	3.07	0.681	0.426	0.256	0.234	0.261	0.585	1.25	1.18	1.43	1955
1956	0.619	0.716	5.98	5.07	4.53	0.744	0.719	4.45	1.40	0.712	0.852	2.85	2.40	1956
1957	2.64	3.24	2.81	2.80	1.54	1.84	1.92	0.543	0.819	0.794	5.62	5.62	2.50	1957
1958	0.907	0.859	3.55	1.37	0.580	0.419	0.435	0.272	0.862	0.448	1.18	0.644	0.960	1958
1959	1.34	1.78	5.67	7.28	1.78	0.571	0.380	0.295	0.354	1.20	2.42	2.20	2.19	1959
1960	1.34	1.65	1.06	11.9	2.94	1.39	1.15	0.392	0.292	0.396	0.580	0.473	1.94	1960
1961	0.327	4.36	2.14	2.34	1.54	0.565	0.499	0.440	0.404	0.344	0.848	1.41	1.25	1961
1962	0.888	0.617	6.01	1.94	0.604	0.487	0.293	0.307	0.279	0.488	0.808	1.11	1.14	1962
1963	0.495	0.441	6.23	1.53	0.888	0.603	0.420	0.307	0.278	0.230	0.413	0.365	1.02	1963
1964	0.984	0.579	2.75	2.36	0.723	0.349	0.417	1.24	0.506	0.328	0.356	1.90	1.05	1964
1965	1.87	4.42	3.24	4.88	0.998	0.135	0.133	0.186	0.708	0.259	1.41	5.42	1.95	1965
1966	2.68	2.35	0.808	0.150	0.181	0.326	1.18	2.01	2.85	1.52	2.35	4.95	1.78	1966
1967	2.16	1.75	0.632	3.40	0.571	3.38	0.832	1.79	3.54	3.51	4.70	3.90	2.51	1967
1968	1.39	6.12	0.264	0.633	0.603	0.608	1.14	1.76	1.86	3.32	1.05	3.42	1.83	1968
1969	0.886	3.76	1.40	4.12	1.52	0.728	0.952	1.57	2.21	1.63	1.21	1.26	1.73	1969
1970	0.472	0.832	0.457	1.17	0.903	0.525	0.901	1.45	1.51	1.51	2.06	3.55	1.28	1970
1971	1.02	0.767	1.31	2.87	0.784	0.419	1.08	1.87	1.27	1.20	0.894	0.858	1.20	1971
1972	1.10	0.521	0.939	3.76	0.988	0.280	1.10	1.37	2.06	1.53	2.68	2.93	1.64	1972
1973	2.80	2.56	4.18	1.55	1.24	1.11	1.20	1.24	1.97	1.93	2.03	2.21	1.98	1973
1974	1.55	3.78	2.40	1.40	4.31	0.993	1.47	2.03	2.24	1.71	0.937	0.902	1.97	1974
1975	2.04	1.42	1.90	5.02	0.884	1.11	6.89	0.351	0.531	0.802	1.44	1.69	2.01	1975
1976	1.02	2.58	6.33	1.36	1.91	0.825	2.21	3.22	2.24	2.86	2.67	0.809	2.34	1976
1977	0.807	0.444	4.48	1.95	1.00	0.713	2.17	2.37	5.20	6.08	2.14	3.18	2.55	1977
1978	1.40	0.881	1.54	6.83	1.23	1.15	1.80	1.53	2.18	3.18	1.48	1.66	2.08	1978
1979	1.62	0.701	1.88	7.26	1.44	1.59	1.10	2.17	3.50	3.76	3.28	2.17	2.54	1979
1980	3.40	0.411	0.315	3.04	1.56	1.28	1.46	3.43	3.20	3.19	2.10	1.21	2.05	1980
1981	0.371	0.870	2.83	0.929	0.971	1.26	1.56	2.11	3.97	4.73	3.41	1.20	2.01	1981
1982	0.786	0.813	1.41	5.87	0.798	1.25	1.24	1.58	5.23	4.01	5.43	4.26	2.81	1982
1983	3.83	2.04	0.732	0.444	1.45	2.03	1.29	3.55	2.61	1.84	2.53	5.25	2.32	1983
1984	1.27	3.97	2.84	1.91	1.09	1.80	1.48	1.75	3.11	3.24	0.903	1.99	2.10	1984
MEAN	1.48	2.05	3.04	3.57	1.42	1.02	1.09	1.26	1.55	1.69	1.66	2.19	1.88	MEAN

LOCATION - LAT 43 15 50 N DRAINAGE AREA, 140 km²
LONG 81 04 48 W REGULATED

TROUT CREEK NEAR ST. MARYS - STATION NO. 02GD008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1945	---	---	---	---	1945
1946	---	31.1 ON MAR 8	0.113 ON AUG 28	---	1946
1947	---	90.0 ON APR 6 *	---	---	1947
1948	---	51.4 ON MAR 19	---	---	1948
1949	---	29.7 ON FEB 16	---	---	1949
1950	54.4 AT 13:00 EST ON APR 4	46.7 ON APR 5	---	---	1950
1951	---	---	---	---	1951
1952	---	20.4 B ON MAR 11	0.142 ON SEP 1	45 000	1952
1953	---	---	---	---	1953
1954	---	63.4 ON FEB 16	0.170 ON AUG 23	70 200	1954
1955	---	35.1 ON MAR 11	0.113 ON JUL 30	45 000	1955
1956	---	47.6 ON MAR 7	0.311 ON JUL 18	75 800	1956
1957	---	43.9 ON NOV 15	0.227 ON JUN 8	78 900	1957
1958	---	9.83 ON MAR 24	0.142 ON AUG 14	30 300	1958
1959	---	40.2 ON APR 2	0.142 ON AUG 13	69 100	1959
1960	59.5 AT 22:00 EST ON APR 3 *	48.4 ON APR 3	0.1028 ON MAR 11	61 400	1960
1961	---	29.7 ON FEB 24	0.1938 ON FEB 1	29 200	1961
1962	23.6 B AT 20:00 EST ON MAR 25	18.0 B ON MAR 24	0.212 ON JUL 19	26 000	1962
1963	52.7 AT 01:00 EST ON MAR 26	43.0 ON MAR 26	0.184 ON OCT 5	32 300	1963
1964	24.0 AT 00:30 EST ON DEC 26	18.4 ON DEC 26	0.204 ON JUL 23	33 100	1964
1965	47.3 AT 02:30 EST ON FEB 11	38.9 ON FEB 11	0.085 ON APR 1 *	61 500	1965
1966	28.1 AT 15:00 EST ON NOV 15	10.2 ON FEB 12	0.119 ON DEC 31	56 000	1966
1967	21.6 AT 16:00 EST ON APR 4	15.2 ON APR 4	0.119 ON JAN 1	79 000	1967
1968	---	19.0 E ON FEB 7	0.113 ON MAR 14	57 800	1968
1969	10.8 AT 13:00 EST ON MAR 28	7.73 ON FEB 4	0.167 ON FEB 13	54 700	1969
1970	10.5 AT 12:08 EST ON DEC 5	9.74 ON APR 11	0.088 ON MAR 20	40 400	1970
1971	9.85 AT 22:32 EST ON APR 9	9.68 ON APR 10	0.292 ON JUN 25	37 800	1971
1972	14.2 AT 20:23 EST ON APR 18	13.9 ON APR 15	0.125 ON JUN 13	51 700	1972
1973	11.6 AT 10:38 EST ON MAR 14	7.70 ON MAR 16	0.210 ON MAY 6	62 500	1973
1974	26.6 AT 21:12 EST ON MAY 17	22.1 ON MAY 18	0.099 ON JAN 22	62 100	1974
1975	50.4 AT 08:45 EST ON JUL 29	48.1 ON JUL 29	0.074 ON DEC 11	63 400	1975
1976	18.4 AT 08:37 EST ON MAR 8	15.3 ON MAR 8	0.569 ON MAY 19	74 000	1976
1977	18.4 AT 14:40 EST ON MAR 16	16.8 ON MAR 17	0.212 ON MAR 14	80 300	1977
1978	30.0 AT 18:00 EST ON APR 12	28.2 ON APR 12	0.261 ON APR 6	65 800	1978
1979	28.3 AT 08:28 EST ON APR 15	24.5 ON APR 15	0.367 ON MAR 9	80 000	1979
1980	8.83 AT 12:25 EST ON JAN 2	8.55 ON JAN 3	0.088 ON MAR 25	64 900	1980
1981	9.87 AT 09:43 EST ON NOV 4	9.44 ON NOV 5	0.188 ON FEB 24	63 500	1981
1982	25.3 AT 15:08 EST ON APR 13	23.2 ON APR 14	0.207 ON MAY 25	88 400	1982
1983	10.0 AT 00:42 EST ON JAN 1	9.87 ON JAN 1	0.327 ON MAR 24	73 200	1983
1984	10.1 AT 23:15 EST ON FEB 23	10.1 ON FEB 25	0.476 ON FEB 9	65 600	1984
				58 400	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TROUTLAKE RIVER BELOW BIG FALLS - STATION NO. 05QC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	17.3	16.1	15.2	14.6	21.6	26.1	25.5	24.7	24.0	22.4	19.7	19.9	20.6	1970
1971	24.1	19.1	15.3	26.7	32.2	25.8	28.6	18.3	13.6	13.3	14.8	13.7	20.6	1971
1972	12.1	12.1	12.8	13.5	26.5	18.3	16.8	13.7	13.4	15.3	13.9	12.7	15.0	1972
1973	10.9	9.86	8.86	17.0	17.2	17.5	13.6	12.3	16.3	18.3	15.6	14.6	14.4	1973
1974	13.6	13.6	12.3	12.8	60.2	68.9	30.6	30.6	37.1	24.9	19.9	16.4	28.4	1974
1975	14.6	15.2	13.9	16.2	35.7	33.0	22.3	23.5	19.0	14.5	14.5	12.7	19.6	1975
1976	12.3	11.7	11.1	18.5	15.5	14.7	9.72	6.13	4.80	4.00	3.66	3.56	9.62	1976
1977	3.44	3.37	3.73	7.81	10.4	14.1	17.3	13.5	25.6	17.4	15.7 R	14.7 R	12.3 R	1977
1978	12.9	12.0	11.0	12.1	38.8	31.7	26.0	23.6	20.3	16.5	14.4	12.1	19.3	1978
1979	10.8	10.8	10.5	15.2	32.3	24.4	14.8	16.2	22.4	19.6	22.3	17.4	18.1	1979
1980	15.6	13.3	12.6	20.0	22.4	16.3	11.2	9.50	13.5	16.5	12.7	10.4	14.5	1980
1981	8.88	8.18	8.01	9.21	10.3	12.3	9.87	7.43	8.56	9.82	9.75	8.30	9.22	1981
1982	7.85	7.46	6.99	10.9	34.2	40.9	20.7	15.7	11.7	15.4	13.4	11.8	16.5	1982
1983	10.2	9.77	9.06	9.46	10.6	15.1	16.0	12.5	9.11	8.08	8.97	8.87	10.5	1983
1984	8.94	7.32	8.53	10.3	21.8	30.6	21.0	15.8	11.3	13.7	16.2	14.0	14.6	1984
MEAN	12.1	11.3	10.5	14.3	26.0	26.0	19.0	16.3	16.7	15.3	14.2 R	12.6 R	16.2	MEAN

LOCATION - LAT 50 54 10 N LONG 93 05 30 W
DRAINAGE AREA, 2 370 km²
NATURAL FLOW

R - REVISED SINCE JAN 1980

TROUTLAKE RIVER BELOW BIG FALLS - STATION NO. 05QC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	---	26.5A ON JUN 5	14.2 ON MAR 2	650 000	1970
1971	47.3 AT 21:47 CST ON APR 22	46.7 ON APR 22	12.5 ON SEP 25	649 000	1971
1972	32.3B AT 17:26 CST ON MAY 3	32.0 ON MAY 3	11.5 B ON JAN 23	476 000	1972
1973	44.7 AT 15:10 CST ON APR 22	43.9 ON APR 22	8.30B ON MAR 29	453 000	1973
1974	104 R AT 04:51 CST ON MAY 22 *	100 ON MAY 25 *	11.2 B ON APR 5	898 000	1974
1975	46.7 AT 08:20 CST ON JUN 25	45.3 ON JUN 25	12.5 B ON DEC 27	619 000	1975
1976	37.4 AT 11:15 CST ON APR 18	36.8 ON APR 18	3.51B ON DEC 28	304 000	1976
1977	43.6 AT 03:00 CST ON SEP 12	42.8 ON SEP 11	3.31B ON FEB 14 *	387 000R	1977
1978	69.1 AT 15:28 CST ON MAY 12	59.5 ON MAY 12	10.3 B ON MAR 30	810 000	1978
1979	41.4 AT 19:50 CST ON MAY 19	39.4 ON MAY 20	8.07 ON APR 17	570 000	1979
1980	41.7 AT 18:21 CST ON APR 23	40.6 ON APR 24	8.86 ON AUG 17	459 000	1980
1981	16.4 AT 15:11 CST ON JUN 29	16.2 ON JUN 29	5.23 ON SEP 5	291 000	1981
1982	55.3 AT 17:32 CST ON MAY 21	54.7 ON MAY 21	6.88B ON MAR 24	519 000	1982
1983	24.4 AT 20:43 CST ON JUL 5	24.2 ON JUL 6	6.66B ON DEC 12	330 000	1983
1984	39.2 AT 11:54 CST ON JUN 10	38.9 ON JUN 10	6.05B ON MAR 27	483 000	1984
				512 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

TURKEY CREEK AT WINDSOR - STATION NO. 02GH004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1982	---	---	---	0.528	0.354	0.364	0.400	0.237	0.284	0.162	0.622	0.678	---	1982
1983	0.219	0.276	0.356	0.697	0.620	0.531	0.818	0.391	0.379	0.347	0.547	0.635	0.503	1983
1984	0.222	0.574	0.838	0.364	0.391	0.206	0.147	0.347	0.163	0.207	0.271	0.303	0.336	1984
MEAN	0.221	0.425	0.597	0.530	0.522	0.367	0.455	0.325	0.275	0.239	0.480	0.538	0.420	MEAN

LOCATION - LAT 42 15 38 N LONG 83 02 24 W
DRAINAGE AREA, 29.6 km²
NATURAL FLOW

REMARKS - GAUGE OPERATIONAL FROM MAR 26 1982

TURKEY CREEK AT WINDSOR - STATION NO. 02GH004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1982	---	---	0.060 ON OCT 24 *	---	1982
1983	14.8 AT 09:21 EST ON JUL 29	7.85 ON MAY 2 *	0.110 ON JUN 19	15 900	1983
1984	19.4 AT 17:30 EST ON AUG 18 *	5.35 ON MAR 21	0.073 ON SEP 30	10 800	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		13 300	MEAN

TURTLE RIVER NEAR MINE CENTRE - STATION NO. 05PB014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	25.2	32.0	36.2	29.3	11.4	---	1914
1915	5.14	5.32	6.17	14.3	37.6	57.8	66.6	39.6	18.6	19.8	---	---	---	1915
1916	---	---	---	---	---	137	90.3	48.1	50.0	45.7	32.1	18.4	---	1916
1917	14.2	12.2	13.4	27.1	57.5	31.5	20.3	21.4	34.2	27.5	23.9	10.5	24.5	1917
1918	4.06	2.34	3.27	24.8	46.1	50.5	38.4	40.0	29.2	26.7	---	---	---	1918
1919	---	---	---	53.4	67.3	30.4	102	54.8	34.1	---	---	---	---	1919
1920	---	---	---	---	---	---	---	20.3	12.7	10.5	9.48	9.31	---	1920
1921	9.57	9.34	9.62	41.5	58.0	58.7	27.2	22.7	23.0	23.3	19.4	16.6	28.4	1921
1922	15.0	14.1	13.2	52.5	88.5	45.3	26.6	22.3	20.6	14.2	17.8	17.0	29.1	1922
1923	16.3	15.2	14.6	42.4	67.1	38.5	27.8	26.8	22.1	17.3	14.9	12.1	27.8	1923
1924	10.7	10.3	9.72	21.2	47.9	35.3	23.1	21.4	20.6	16.5	12.6	10.9	20.0	1924
1925	10.1	9.83	10.1	47.7	55.3	51.9	42.8	26.3	19.3	19.2	16.1	12.8	27.0	1925
1926	11.0	10.4	10.3	16.3	34.9	45.6	65.2	42.5	43.2	70.1	51.6	35.3	36.5	1926
1927	26.0	22.6	18.8	73.3	204	152	189	71.2	48.2	42.6	31.2	22.3	75.7	1927
1928	17.7	14.8	16.2	26.8	66.2	56.3	86.6	45.7	69.9	79.9	49.4	33.0	45.6	1928
1929	23.6	19.8	18.1	36.3	40.4	30.7	23.0	15.6	11.5	9.75	8.73	8.23	20.5	1929
1930	7.76	7.48	7.67	18.0	40.1	28.6	34.8	18.6	10.2	9.31	9.89	10.6	18.8	1930
1931	9.35	9.12	8.86	16.6	29.1	30.1	19.4	13.9	12.6	15.7	19.2	20.6	17.1	1931
1932	15.0	15.3	14.3	49.0	85.8	37.3	23.5	19.7	15.0	12.4	21.2	25.3	27.8	1932
1933	22.4	19.6	18.6	47.9	83.0	40.8	21.9	15.2	11.6	12.2	13.8	13.7	26.8	1933
1934	13.8	14.0	13.6	33.8	118	84.5	48.0	27.1	19.9	18.6	22.9	19.8	34.7	1934
1935	18.2	16.7	15.8	54.3	111	61.5	77.8	50.2	27.6	25.0	24.9	21.7	41.9	1935
1936	18.0	15.2	14.4	24.1	67.1	42.8	26.8	18.3	13.0	9.14	7.40	5.80	21.7	1936
1937	5.31	4.84	6.92	35.8	111	86.9	45.2	28.4	20.1	16.8	13.5	10.3	32.3	1937
1938	9.21	9.03	9.62	63.3	137	83.4	35.8	27.8	14.6	9.86	8.67	9.11	33.3	1938
1939	9.18	8.85	8.43	12.5	28.0	31.1	28.7	22.3	16.0	14.8	11.8	9.47	16.8	1939
1940	7.58	5.81	5.72	9.51	44.4	27.8	16.7	10.5	6.80	4.89	5.86	6.25	12.7	1940
1941	6.09	6.00	5.97	53.4	47.1	87.8	56.4	33.2	104	238	96.2	55.7	65.9	1941
1942	41.3	38.2	32.8	41.6	58.7	41.0	35.3	29.3	57.8	44.4	31.8	24.6	40.4	1942
1943	20.8	21.7	23.3	41.3	151	128	86.7	45.5	34.3	29.7	21.7	17.7	52.3	1943
1944	14.2	11.5	10.1	14.2	52.0	67.5	53.8	89.9	85.2	48.0	22.9	19.9	39.0	1944
1945	19.6	19.0	20.8	72.7	57.2	28.3	38.2	32.4	47.1	41.3	18.5	17.7	34.6	1945
1946	16.6	16.3	17.5	69.4	53.9	42.6	39.4	32.4	20.8	33.2	28.3	15.9	32.1	1946
1947	14.5	14.4	15.4	29.5	78.9	115	77.6	42.3	29.0	33.5	27.5	22.9	41.9	1947
1948	21.1	18.4	18.3	55.8	122	47.3	32.4	31.9	25.0	13.1	10.9	9.45	33.7	1948
1949	9.17	9.49	9.51	40.5	64.4	44.1	37.3	34.3	15.9	13.7	18.3	17.2	26.3	1949
1950	14.0	12.3	11.7	25.2	190	118	128	71.6	47.7	33.3	27.4	25.8	59.3	1950
1951	21.6	18.7	17.8	53.6	137	55.8	36.7	32.0	29.3	34.1	34.3	28.2	41.9	1951
1952	23.1	19.5	17.2	30.7	42.6	36.6	120	70.4	27.4	13.3	9.30	7.25	35.0	1952
1953	6.71	6.03	7.33	15.4	21.5	80.7	52.7	29.6	36.4	32.1	21.6	18.0	25.9	1953
1954	15.4	15.3	16.0	51.1	138	92.4	53.6	30.0	20.7	19.3	17.3	17.2	40.6	1954
1955	10.9	8.98	9.80	56.6	67.6	83.6	52.0	23.6	14.9	19.4	22.2	21.7	31.0	1955
1956	19.9	17.1	8.80	41.1	125	99.8	48.8	29.8	15.5	11.7	11.2	9.80	36.8	1956
1957	10.1	7.85	7.59	40.2	63.2	51.1	44.3	24.4	26.7	25.8	29.9	25.7	31.5	1957
1958	18.3	16.7	15.5	20.7	25.5	34.1	46.5	24.4	25.5	16.7	17.6	23.5	23.8	1958
1959	19.0	15.4	14.9	28.7	48.2	63.8	49.4	48.1	39.3	25.3	26.6	20.9	33.4	1959
1960	18.8	16.6	15.2	26.8	43.6	92.8	41.1	23.8	21.6	18.8	15.4	15.8	29.1	1960
1961	15.5	15.2	15.2	38.0	80.5	43.2	24.4	16.4	34.3	43.8	25.5	16.3	28.9	1961
1962	11.7	11.3	11.2	28.4	111	110	76.5	77.1	55.9	34.1	20.1	18.2	47.3	1962
1963	15.0	12.7	13.2	35.8	43.1	132	91.6	66.2	52.9	27.2	18.1	17.0	45.5	1963
1964	16.2	15.4	14.5	39.7	152	107	94.6	79.1	114	89.5	55.5	37.9	68.2	1964
1965	27.9	21.8	18.1	43.3	104	78.2	61.4	50.2	43.4	90.5	71.3	45.8	54.9	1965
1966	40.2	34.5	33.1	81.5	170	110	52.0	36.4	22.6	13.4	11.6	11.1	51.5	1966
1967	10.9	11.5	12.2	57.2	77.6	55.2	44.3	41.0	18.2	12.4	10.6	10.5	31.1	1967
1968	11.6	12.0	12.6	62.3	63.5	121	100	50.3	54.5	68.0	65.0	38.7	55.0	1968
1969	33.7	31.0	28.7	66.8	84.0	97.6	66.1	62.0	35.6	37.2	28.9	25.1	53.4	1969
1970	23.0	19.6	18.3	36.6	155	114	56.2	34.2	26.9	41.2	72.4	48.6	54.0	1970
1971	36.3	24.9	27.7	78.8	87.6	76.6	42.4	23.1	16.6	71.2	140	78.7	59.1	1971
1972	51.6	37.6	30.7	42.0	63.3	52.6	66.6	49.4	30.3	25.6	25.6	19.4	43.0	1972
1973	16.6	15.0	15.9	30.2	39.4	31.1	28.7	49.6	45.4	63.1	43.6	33.1	34.4	1973
1974	26.0	23.2	20.9	42.6	141	166	58.3	30.7	26.1	27.1	26.6	26.1	51.3	1974
1975	24.1	23.1	22.0	37.9	84.6	42.5	33.6	24.6	21.6	22.7	26.9	21.8	32.2	1975
1976	19.1	18.4	19.1	78.8	66.9	32.6	32.6	20.6	17.7	17.0	12.1	11.3	27.9	1976
1977	11.3	11.2	12.6	24.7	38.1	40.1	53.6	31.8	56.6	60.6	43.7	41.3	35.6	1977
1978	30.6	24.2	20.3	33.2	63.4	104	56.1	56.1	50.3	30.2	19.6	16.4	44.0	1978
1979	18.1	14.6	15.6	---	---	---	33.1	22.6	23.6	16.9	35.2	25.9	---	1979
1980	20.6	---	---	34.4	36.6	19.1	---	---	---	21.2	19.4	16.1	---	1980
1981	14.6	13.4	13.0	36.7	44.6	31.6	26.1	16.0	11.4	14.4	13.3	11.9	20.6	1981
1982	11.7	11.6	12.2	32.9	111	86.4	66.6	56.6	43.2	---	---	---	---	1982
1983	---	23.9	22.3	29.7	36.0	46.6	52.7	27.6	19.9	36.1	27.2	---	---	1983
1984	19.1	16.9	14.6	43.1	61.6	63.6	60.6	25.3	12.6	11.7	14.6	15.9	31.6	1984
MEAN	17.3	15.6	14.9	40.2	78.7	66.1	53.7	36.6	31.5	32.3	27.0	20.6	38.7	MEAN

LOCATION - LAT 48 51 00 N DRAINAGE AREA, 4 870 km²
LONG 92 43 30 W NATURAL FLOW

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	80.7 ON JUL 1	5.10 ON JAN 26	---	1915
1916	---	155 ON JUN 5	---	---	1916
1917	---	88.5 ON MAY 9	5.68 ON DEC 29	773 000	1917
1918	---	81.4 ON JUN 10	---	---	1918
1919	---	144 ON JUL 9	---	---	1919
1920	---	---	---	---	1920
1921	---	74.5 ON MAY 21	9.23B ON FEB 5	832 000	1921
1922	---	100 ON APR 28	11.9 ON OCT 29	917 000	1922
1923	---	131 B ON APR 29	11.1 ON DEC 31	878 000	1923
1924	---	88.8 ON MAY 1	9.54 ON MAR 24	834 000	1924
1925	---	78.2 ON MAY 5	9.77 ON JAN 28	853 000	1925
1926	---	81.3 ON JUN 25	10.2 B ON FEB 23	1 150 000	1926
1927	---	246 ON JUL 15	17.9 ON MAR 12	2 380 000	1927
1928	---	93.2 ON OCT 5	14.6 B ON FEB 8	1 440 000	1928
1929	---	46.7 ON APR 27	8.21 ON DEC 10	845 000	1929
1930	---	55.2 ON MAY 20	7.48 ON JAN 25	531 000	1930
1931	---	42.2 ON MAY 30	8.61 ON MAR 27	539 000	1931
1932	---	101 ON APR 25	11.6 ON OCT 14	881 000	1932
1933	---	120 ON APR 26	10.8 ON SEP 9	844 000	1933
1934	---	153 ON MAY 7	13.4 B ON MAR 21	1 100 000	1934
1935	---	131 ON MAY 1	14.5 B ON JAN 31	1 320 000	1935
1936	---	71.4 ON MAY 10	5.55 ON DEC 31	685 000	1936
1937	---	153 ON MAY 2	4.84 ON FEB 18	1 020 000	1937
1938	---	178 ON MAY 9	8.21 ON MAR 11	1 050 000	1938
1939	---	38.1 ON JUN 6	8.04 ON APR 16	529 000	1939
1940	---	50.7 ON MAY 3	4.28 ON OCT 25 *	401 000	1940
1941	---	303 ON OCT 2 *	5.97B ON MAR 1	2 110 000	1941
1942	---	83.2 ON SEP 5	21.9 ON DEC 31	1 270 000	1942
1943	---	203 ON MAY 7	15.8 ON DEC 31	1 650 000	1943
1944	---	124 ON AUG 13	10.1 E ON MAR 1	1 230 000	1944
1945	---	80.0 ON APR 2	17.7 B ON DEC 1	1 090 000	1945
1946	---	104 ON APR 18	14.6 ON OCT 4	1 010 000	1946
1947	---	159 ON JUN 14	14.4 B ON FEB 1	1 320 000	1947
1948	---	201 ON MAY 2	9.40B ON DEC 7	1 070 000	1948
1949	---	61.8 ON MAY 7	9.17B ON JAN 1	828 000	1949
1950	---	257 ON MAY 17	11.7 B ON MAR 1	1 870 000	1950
1951	---	188 ON MAY 4	17.6 B ON MAR 1	1 320 000	1951
1952	---	150 ON JUL 23	7.25B ON DEC 1	1 110 000	1952
1953	---	88.8 ON JUN 8	6.03B ON FEB 1	817 000	1953
1954	---	168 ON MAY 19	15.0 ON FEB 14	1 290 000	1954
1955	---	95.7 ON JUL 5	8.86 ON FEB 24	879 000	1955
1956	---	158 ON MAY 18	8.27 ON MAR 1	1 180 000	1956
1957	---	140 ON APR 28	8.87 ON FEB 23	895 000	1957
1958	56.9 AT 05:15 CST ON JUL 22	58.4 ON JUL 22	14.8 ON NOV 5	751 000	1958
1959	---	73.1 ON JUN 7	14.0 ON MAR 5	1 050 000	1959
1960	105 AT 15:00 CST ON JUN 8	104 ON JUN 5	13.9 ON APR 12	822 000	1960
1961	70.8 AT 18:00 CST ON APR 25	70.5 ON APR 25	12.9 ON AUG 30	811 000	1961
1962	164 AT 21:30 CST ON MAY 24	163 ON MAY 24	11.0 ON MAR 27	1 490 000	1962
1963	---	153 ON JUN 18	12.1 ON MAR 3	1 440 000	1963
1964	192 AT 17:00 CST ON MAY 12	190 ON MAY 12	13.9 ON MAR 27	2 150 000	1964
1965	140 AT 13:15 CST ON MAY 25	136 ON MAY 26	17.7 E ON MAR 24	1 730 000	1965
1966	195 AT 14:00 CST ON MAY 22	194 ON MAY 25	10.9 E ON DEC 27	1 620 000	1966
1967	---	99.1E ON APR 21	10.2 ON DEC 28	880 000	1967
1968	163 AT 12:15 CST ON JUN 17	160 ON JUN 18	10.7 E ON JAN 1	1 740 000	1968
1969	124 AT 11:30 CST ON JUN 7	123 ON JUN 6	22.0 E ON APR 8	1 880 000	1969
1970	167 AT 15:00 CST ON MAY 17	164 ON MAY 17	17.4 ON MAR 18	1 700 000	1970
1971	159 AT 23:30 CST ON NOV 4	157 ON NOV 4	15.1 ON SEP 28	1 880 000	1971
1972	---	130 ON JUL 23	17.5 ON DEC 28	1 380 000	1972
1973	84.1 AT 15:00 CST ON OCT 17	83.5 ON OCT 17	14.1 ON MAR 5	1 080 000	1973
1974	230 A AT 12:35 CST ON JUN 11 *	229 A ON JUN 11	20.1 ON APR 8	1 820 000	1974
1975	121 AT 15:20 CST ON MAY 5	120 ON MAY 4	18.7 ON OCT 13	1 010 000	1975
1976	128 AT 18:30 CST ON APR 21	125 ON APR 21	11.1 A ON NOV 27	883 000	1976
1977	92.9 AT 21:40 CST ON SEP 28	92.3 ON SEP 28	11.0 E ON MAR 4	1 120 000	1977
1978	155 AT 15:04 CST ON JUN 4	154 ON JUN 4	15.8 E ON DEC 30	1 390 000	1978
1979	---	---	14.3 ON FEB 20	---	1979
1980	58.2 AT 12:00 CST ON APR 28	58.2 ON APR 28	---	---	1980
1981	80.9 AT 09:00 CST ON MAY 2	80.2 ON APR 30	10.7 ON SEP 24	850 000	1981
1982	126 AT 08:32 CST ON MAY 23	126 ON MAY 22	---	---	1982
1983	71.7 AT 07:30 CST ON JUN 25	71.3 ON JUN 25	---	---	1983
1984	121 AT 23:23 CST ON JUN 12	120 ON JUN 14	8.02 ON OCT 14	1 000 000	1984
				1 180 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

TWENTY MILE CREEK AT BALLS FALLS - STATION NO. 02HA005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	5.88	3.85	0.452	0.429	0.001	0.001	0	0	1.48	---	1957
1958	0.178	0.661	12.0	2.23	0.228	0.023	0	0	0	0.002	0.040	0.313	1.32	1958
1959	5.86	4.33	16.9	11.0	0.696	0.115	0.001	0	0	0.088	0.984R	7.28 R	3.93R	1959
1960	3.50 R	3.85 R	2.71R	23.1	5.79	0.238	0.029	0.085	0.002	0	0.003	0.001	3.33R	1960
1961	0	7.01	2.49	8.30 R	1.21	0.249	0.058	0.225	0.026	0.002	0.005	0.310R	1.81R	1961
1962	2.01 R	0.878R	15.2 R	0.671	0.127	0.029	1.14	0.550	0 675	5.93	8.15	4.24 R	3.41R	1962
1963	0.084R	0.030R	12.2 R	3.02	1.15	0.235	0.057	0.347	0.014	0.001	0.011	0.058	1.45R	1963
1964	2.21 R	0.194	11.2 R	5.04	0.922	0.133	0.056	0.387	0.169	0.005	0.008	1.11 R	1.80R	1964
1965	2.07 R	10.0 R	5.54R	8.46	0.244	0.004	0.002	0.026	0 109	0.349	2.15	3.36	2.63R	1965
1966	1.43	5.46	10.4	3.26	1.26	0.135	0.003	0	0	0	0.009	3.09	2.07	1966
1967	1.73	1.38	6.71	4.75	2.95	0.118	0.082	0.012	0.007	0.118	0.764	3.84	1.88	1967
1968	0.921	11.9	7.30	1.07	0.710	1.12	0.231	0.007	0.950	0.227	7.13	3.81	2.91	1968
1969	10.4	3.43	3.81	9.47	4.05	0.801	0.122	0.147	0	0.001	0.070	0.922	2.78	1969
1970	0.286	2.94	8.53	4.20	0.596	0.083	0.055	0.008	0.020	0.195	2.31	4.83	2.00	1970
1971	1.25	6.21	14.3	3.45	0.110	0.031	0.006	0.001	0.004	0.005	0.016	1.55	2.26	1971
1972	4.58	0.346	17.1	9.88	1.68	0.140	0.380	1.18	0.041	0.477	5.80	7.85	4.12	1972
1973	3.83	3.08	17.5	5.26	1.99	0.407	0.084	0	0.001	0.089	7.01	8.96	4 01	1973
1974	9.60	5.98	7.74	5.91	7.13	0.791	0.088	0.007	0.001	0	0.112	1.10	3 20	1974
1975	2.01	8.59	9.89	2.68	0.780	0 444	0.030	1.08	1.43	1.32	1.31	4.24	2.83	1975
1976	2.57	17.4	13.3	8.67	5.29	0.104	0.287	0.252	0.015	0.077	0.071	0.086	3.95	1976
1977	0.050	0.445	11.3	3.77	0.182	0.174	0.709	0.008	7.53	5.46	2.01	14.7	3.89	1977
1978	1.37	0.503	16.3	7.56	0.734	0.086	0.002	0.008	0.141	1.76	0.951	2.81	2.71	1978
1979	3.84	2.14	13.4	11.7	0.870	0.171	0.010	0.014	0.215	0.179	1.18	7.83	3.49	1979
1980	1.11	0.503	8.26	7.40	0.965	0.354	0.802	0.305	0.089	0.232	0.212	1.69	1.83	1980
1981	0.136	13.1	1.33	1.75	1.74	1.36	1.46	1.67	4.26	3.67	3.63	1.19	2.86	1981
1982	0.872	0.218	17.0	7.57	0.367	3.92	0.168	0.065	0.388	0.578	5.71	10.1	3.95	1982
1983	1.48	4.53	6.59	6.41	4.30	0.754	0.293	0.838	0.017	0.449	4.77	8.35	3.21	1983
1984	0.491	12.2	11.0	10.5	2.86	5.76	0.159	0.081	3.21	0.239	1.94	4.46	4.34	1984
MEAN	2.36 R	4.84 R	10.4 R	6.53 R	1.91	0.650	0.240	0.252	0.690	0.803	2.01 R	3.93 R	2.87	MEAN

LOCATION - LAT 43 08 02 N LONG 79 23 00 W DRAINAGE AREA, 293 km² NATURAL FLOW

R - REVISED SINCE JAN 1980

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1957	---	80.0 ON APR 6	0 ON AUG 7 *	---	1957
1958	---	23.6 ON MAR 5	0 ON JUN 7	41 500	1958
1959	---	85.0 ON JAN 22	0 ON JUL 7	124 000R	1959
1960	---	130 ON APR 4 *	0 B ON MAR 8	105 000R	1960
1961	---	66.0 ON FEB 26	0 B ON JAN 1	50 700R	1961
1962	---	83.3 ON MAR 13	0 RB ON FEB 20	108 000R	1962
1963	---	65.1 ON MAR 18	0 ON JUL 19	45 900R	1963
1964	---	48.7 ON MAR 15	0 ON JUL 8	56 800R	1964
1965	---	73.9 ON FEB 11	0 ON JUN 18	83 100R	1965
1966	---	40.8 ON FEB 12	0 ON JUL 14	65 400	1966
1967	---	28.9 ON DEC 22	0 ON SEP 16	59 300	1967
1968	---	115 ON FEB 3	0.001 ON AUG 2	91 800	1968
1969	79.9 AT 07:00 EST ON JAN 31	75.6 ON JAN 31	0 ON AUG 30	87 400	1969
1970	40.2 AT 04:00 EST ON APR 3	32.3 ON APR 3	0 ON AUG 8	83 000	1970
1971	89.8 AT 11:20 EST ON FEB 26	77.0 ON FEB 26	0 ON MAY 24	71 200	1971
1972	38.6 AT 18:30 EST ON MAR 22	36.8B ON MAR 18	0.013 ON SEP 23	130 000	1972
1973	77.3 AT 05:17 EST ON DEC 26	70.2 ON DEC 26	0 ON AUG 3	127 000	1973
1974	74.2 AT 14:14 EST ON MAR 5	64.6 ON MAR 5	0 ON AUG 18	101 000	1974
1975	54.7 AT 08:48 EST ON FEB 25	49.3 ON FEB 25	0.002 ON AUG 1	82 800	1975
1976	92.9 AT 01:40 EST ON MAR 6	78.2 ON APR 26	0 ON SEP 8	125 000	1976
1977	63.7 AT 00:16 EST ON SEP 27	62.4 ON SEP 27	0.001 ON MAY 26	123 000	1977
1978	87.6 AT 23:47 EST ON MAR 23	78.6 ON MAR 22	0 ON JUL 2	85 500	1978
1979	123 AT 05:03 EST ON MAR 5 *	103 ON MAR 5	0 ON JUL 19	110 000	1979
1980	80.3 AT 02:21 EST ON MAR 22	47.4 ON MAR 22	0 ON AUG 31	57 900	1980
1981	55.7 AT 02:30 EST ON FEB 20	50.2 ON FEB 20	0.010 ON JUL 17	90 200	1981
1982	80.5 AT 14:10 EST ON MAR 15	68.4 ON MAR 14	0.012 ON SEP 20	126 000	1982
1983	37.8 AT 00:28 EST ON DEC 13	35.8 ON DEC 13	0.001 ON SEP 15	101 000	1983
1984	98.0 AT 15:31 EST ON FEB 14	78.2 ON FEB 14	0.002 ON AUG 8	137 000	1984
				80 700R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980

URFE CREEK NEAR BROUGHAM - STATION NO. 02HC043

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	---	0	0	0	0.001	0.002	---	1974
1975	0.010	0.098	0.047	0.043	0.011	0.001	0	0.001	0.001	0.001	0.001	0.004	0.018	1975
1976	0.002	0.034	0.147	0.018	0.021	0.003	---	---	---	---	---	---	---	1976
MEAN	0.006	0.066	0.097	0.031	0.016	0.002	0	0.001	0.001	0.001	0.001	0.003	0.018	MEAN

LOCATION - LAT 43 55 01 N LONG 79 08 50 W DRAINAGE AREA, 2.85 km² NATURAL FLOW

URFE CREEK NEAR BROUGHAM - STATION NO. 02HC043

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	0 ON JUL 21 *	---	1974
1975	3.54 AT 14:31 EST ON FEB 24 *	1.45 ON FEB 24 *	0 ON JUN 11	552	1975
1976	3.45 AT 15:38 EST ON MAR 20	1.15 ON MAR 20	0B ON JAN 16	---	1976
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		552	MEAN

UXBRIDGE BROOK AT UXBRIDGE - STATION NO. 02EC101

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	---	---	---	---	0.336	0.310	---	1970
1971	0.286	0.326	0.316	0.447	0.324	0.339	0.331	0.313	0.286	0.286	0.301	0.332	0.324	1971
1972	0.293	0.290	0.311	0.456	0.386	0.316	0.292	0.340	0.364	0.395	0.408	0.377	0.389	1972
1973	0.355	0.325	0.512	0.370	0.337	0.393	0.340	0.293	0.310	0.385	0.403	0.348	0.364	1973
1974	0.362	0.354	0.457	0.456	0.436	0.339	0.375	0.319	0.327	0.343	0.357	0.342	0.373	1974
1975	0.328	0.468	0.468	0.451	0.394	0.287	0.278	0.290	0.316	0.306	0.292	0.285	0.348	1975
1976	0.291	0.363	0.574	0.451	0.407	0.331	0.459	0.351	0.320	0.299	0.318	0.327	0.374	1976
1977	0.301	0.281	0.414	0.326	0.270	0.262	0.238	0.302	0.299	0.301	0.303	0.308	0.301	1977
1978	0.293	0.277	0.315	0.484	0.425	0.311	0.261	0.344	0.348	0.372	0.335	0.308	0.338	1978
1979	0.348	0.320	0.611	0.446	0.382	0.336	0.300	0.330	0.311	0.348	0.330	0.481	0.379	1979
1980	0.363	0.312	0.776	0.554	0.391	0.375	0.417	0.308	0.334	0.392	0.326	0.327	0.407	1980
1981	---	---	0.349	0.382	0.378	0.334	0.287	0.355	0.368	0.384	0.403	0.350	---	1981
1982	0.358	0.324	0.431	0.619	0.373	0.381	0.383	0.348	0.344	0.363	0.443	0.333	0.390	1982
1983	0.312	0.393	0.379	0.408	0.412	0.313	0.291	0.338	0.338	0.356	0.381	0.329	0.355	1983
1984	0.309	0.495	0.470	0.483	0.427	0.355	0.358	0.367	0.348	0.348	0.370	0.344	0.389	1984
MEAN	0.324	0.348	0.456	0.467	0.382	0.331	0.328	0.328	0.329	0.349	0.354	0.340	0.362	MEAN

LOCATION - LAT 44 08 45 N, LONG 79 07 20 W. DRAINAGE AREA, 24.3 km^2. REGULATED. DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

UXBRIDGE BROOK AT UXBRIDGE - STATION NO. 02EC101

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1970	---	---	---	---	1970
1971	4.53 AT 22:00 EST ON JUN 27	0.908E ON JUN 28	0.130 ON JUN 19 *	10 200	1971
1972	2.66 AT 18:34 EST ON APR 13	1.98 ON APR 14	0.238 ON JUL 29	11 700	1972
1973	3.82 AT 18:40 EST ON MAR 4	2.50 ON MAR 4	0.221 ON FEB 14	11 500	1973
1974	3.40 AT 04:45 EST ON MAR 5	2.83 ON MAR 5	0.283 ON APR 26	11 700	1974
1975	5.10 AT 17:26 EST ON MAR 19 *	2.41 ON FEB 25	0.176 ON JUL 12	10 900	1975
1976	3.82 AT 02:02 EST ON MAR 21	2.27 ON MAR 21	0.195 ON JUN 9	11 800	1976
1977	1.53 AT 05:30 EST ON MAR 10	1.27 ON MAR 10	0.190 ON JUL 23	8 490	1977
1978	1.25 AT 16:48 EST ON MAY 12	1.14 ON MAY 14	0.133 ON JUL 18	10 700	1978
1979	---	1.74 ON MAR 5	0.153 ON APR 25	12 000	1979
1980	---	4.53 E ON MAR 21 *	0.212 ON AUG 28	12 900	1980
1981	1.59 AT 17:21 EST ON FEB 20	1.12 ON FEB 20	0.212 ON JUN 25	---	1981
1982	3.20 AT 23:20 EST ON MAR 31	1.45 ON MAR 31	0.200 ON SEP 23	12 300	1982
1983	1.97 AT 13:09 EST ON FEB 3	1.24 ON FEB 3	0.255 ON DEC 27	11 200	1983
1984	2.78 AT 07:55 EST ON FEB 14	2.70 ON FEB 14	0.139 ON SEP 21	12 300	1984
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		11 400	MEAN

VENISON CREEK NEAR BIG CREEK - STATION NO. 02GC009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	0.598	0.619	0.858	---	1983
1984	0.771	0.888	1.25	1.34	1.07	0.635	0.544	0.973	0.725	0.854	0.853	1.28	0.884	1984
1985	1.51	2.73	4.05	2.41	1.10	0.833	0.631	0.749	0.832	0.991	1.05	1.36	1.51	1985
1986	0.802	1.59	2.52	1.57	1.22	0.855	0.432	0.588	0.554	---	---	---	---	1986
MEAN	1.03	1.87	2.61	1.77	1.13	0.774	0.538	0.783	0.704	0.748	0.774	1.08	1.20	MEAN

LOCATION - LAT 42 33 15 N, LONG 80 32 55 W. DRAINAGE AREA, 81.4 km^2. NATURAL FLOW

VENISON CREEK NEAR BIG CREEK - STATION NO. 02GC009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	---	3.79 ON DEC 28	0.374 ON JUL 31	28 000	1984
1985	---	44.7 E ON MAR 8 *	0.379 ON JUL 31	47 800	1985
1986	---	5.88 ON FEB 12	0.232E ON SEP 28 *	---	1986
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		37 900	MEAN

VENISON CREEK NEAR WALSINGHAM - STATION NO. 02GC021

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1966	---	---	---	---	---	---	---	---	---	0.557	0.631	1.47	---	1966
1967	1.17	0.933	1.06	1.81	1.20	0.765	0.626	0.537	0.585	0.561	0.705	0.843	0.882	1967
1968	0.824	1.80	1.32	1.10	0.811	0.996	0.734	0.682	0.750	0.686	0.982	1.17	0.977	1968
1969	2.48	1.42	1.04	2.19	1.86	1.11	0.801	0.580	0.589	0.646	0.904	0.959	1.21	1969
1970	0.735	0.873	1.22	1.34	0.882	0.630	0.557	0.440	0.542	0.634	1.03	1.19	0.838	1970
1971	0.798	1.08	1.89	1.33	0.765	0.617	0.446	0.457	0.520	0.560	0.587	0.651	0.808	1971
1972	0.714	0.808	1.95	1.73	1.32	0.819	0.853	0.650	0.649	0.639	0.855	1.35	1.02	1972
1973	0.885	0.854	2.31	1.58	1.08	0.823	0.523	0.527	0.543	0.586	0.745	1.02	0.985	1973
1974	1.45	1.34	2.04	1.61	1.76	0.856	0.618	0.508	0.583	0.635	0.708	0.808	1.07	1974
1975	1.06	1.27	1.79	1.34	0.884	0.939	0.636	0.667	1.09	0.874	1.06	1.42	1.08	1975
1976	1.25	2.92	3.13	1.83	1.61	0.893	0.778	0.751	0.650	0.686	0.698	0.658	1.32	1976
1977	0.815	0.702	2.28	1.90	1.01	0.709	0.613	0.574	1.20	1.25	1.18	2.68	1.23	1977
1978	1.32	0.973	2.43	2.20	1.27	0.756	0.484	0.585	0.648	0.906	0.895	1.01	1.12	1978
1979	1.20	0.982	2.23	2.49	1.24	0.818	0.604	0.646	0.641	0.834	1.20	1.65	1.21	1979
1980	1.28	0.844	1.52	1.93	1.19	1.03	1.18	0.853	1.05	1.09	0.979	1.09	1.17	1980
1981	0.824	2.02	1.23	1.30	0.886	0.783	0.671	0.648	0.807	1.10	0.987	0.803	1.01	1981
1982	1.02	0.789	3.18	2.04	1.01	1.15	0.744	0.662	0.726	0.779	1.48	2.04	1.30	1982
1983	1.38	1.42	1.14	1.52	1.68	0.904	0.674	1.16	0.941	0.848	0.915	1.73	1.19	1983
1984	0.945	2.70	2.06	2.12	1.65	1.30	0.783	0.631	0.808	0.813	0.983	0.994	1.31	1984
MEAN	1.12	1.30	1.88	1.73	1.23	0.884	0.685	0.642	0.737	0.773	0.921	1.24	1.10	MEAN

LOCATION - LAT 42 40 27 N DRAINAGE AREA, 68.4 km²
LONG 80 38 00 W REGULATED

VENISON CREEK NEAR WALSINGHAM - STATION NO. 02GC021

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1966	---	---	---	---	1966
1967	4.45 AT 08:00 EST ON APR 6	3.85 ON APR 3	0.490 ON AUG 2	27 800	1967
1968	6.46 AT 19:00 EST ON FEB 2	5.09 ON FEB 2	0.478 ON JUL 29	30 900	1968
1969	11.4 AT 20:54 EST ON JAN 30	9.74 ON JAN 31	0.481 ON AUG 16	38 200	1969
1970	5.01 AT 00:54 EST ON APR 3	3.85 ON APR 3	0.379 ON AUG 11	26 400	1970
1971	4.81 AT 22:28 EST ON FEB 27	4.45 ON FEB 28	0.334 ON AUG 6	25 500	1971
1972	5.49 AT 11:00 EST ON MAR 2	5.32 ON MAR 2	0.561 ON AUG 21	32 100	1972
1973	4.76 AT 11:08 EST ON MAR 15	4.59 ON MAR 15	0.362 ON JUL 16	30 400	1973
1974	4.93 AT 06:20 EST ON MAR 5	4.79 ON MAR 5	0.422 ON AUG 15	33 900	1974
1975	4.70 AT 20:30 EST ON FEB 24	4.19 ON FEB 24	0.357 ON AUG 2	34 100	1975
1976	8.03 AT 17:54 EST ON FEB 18	5.87 ON FEB 19	0.583 ON SEP 9	41 600	1976
1977	5.69 AT 07:28 EST ON DEC 15	5.64 ON DEC 15	0.340 ON JUL 31	38 800	1977
1978	11.0 AT 13:30 EST ON MAR 21	8.41 ON MAR 22	0.320 ON JUL 18 *	35 500	1978
1979	9.28 AT 20:09 EST ON MAR 4	7.52 ON MAR 5	0.392 ON JUL 27	38 300	1979
1980	11.0 AT 11:58 EST ON JUL 22	8.58 ON JUL 22	0.662 ON AUG 28	37 000	1980
1981	5.47 AT 03:25 EST ON FEB 24	4.63 ON FEB 24	0.410 ON JUL 20	32 000	1981
1982	13.7 AT 05:00 EST ON MAR 14 *	10.8 ON MAR 14	0.593E ON JUL 27	41 100	1982
1983	5.37 AT 18:27 EST ON AUG 11	3.80 ON FEB 3	0.518 ON JUL 20	37 600	1983
1984	12.1 AT 08:30 EST ON FEB 14	11.0 ON FEB 14 *	0.469 ON AUG 1	41 400	1984
				34 600	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

VERMILION RIVER AT LORNE FALLS - STATION NO. 02CF004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1918	10.5	11.8	16.7	103	69.8	40.2	44.2	28.8	14.8	34.0	85.0	53.2	42.8	1918
1919	22.5	16.3	29.2	193	159	85.8	28.6	20.2	24.4	51.0	83.1	46.9	61.6	1919
1920	23.4	20.8	54.4	128	79.6	35.7	30.3	22.5	9.08	4.73	8.89	14.2	35.9	1920
1921	17.8	20.7	50.7	150	67.4	40.2	12.6	13.3	13.8	12.5	17.5	42.2	38.2	1921
1922	19.0	22.1	29.2	217	115	51.8	30.6	12.5	15.8	8.61	12.8	16.4	45.6	1922
1923	12.8	19.6	19.2	73.1	174	45.0	20.2	15.5	32.3	17.0	16.7	17.7	38.7	1923
1924	20.6	29.2	22.9	125	96.0	50.7	16.6	9.57	9.60	7.19	21.1	20.2	35.6	1924
1925	17.2	26.4	25.9	106	38.2	44.2	27.5	14.2	7.90	10.5	26.9	27.6	30.9	1925
1926	18.0	25.6	18.2	41.6	109	60.3	52.4	23.6	14.0	12.8	54.9	41.3	39.4	1926
1927	20.0	20.5	90.6	84.7	65.3	86.8	31.4	22.3	18.5	28.3	29.2	44.5	43.7	1927
1928	35.7	21.3	29.7	207	210	71.4	58.0	33.1	47.6	144	108	54.4	85.1	1928
1929	29.7	20.5	45.6	200	113	48.4	26.9	15.5	21.3	22.7	42.8	18.8	50.5	1929
1930	13.1	10.8	22.7	92.0	85.7	127	140	26.9	18.8	23.3	17.5	15.6	49.9	1930
1931	8.92	7.11	8.72	133	100	56.1	14.6	6.74	9.97	30.9	85.7	58.2	43.5	1931
1932	43.8	30.3	37.4	185	80.4	22.3	8.44	8.52	11.0	39.6	67.6	43.8	48.0	1932
1933	45.0	22.5	17.8	187	125	86.9	42.2	22.5	3.34	8.41	15.1	12.2	46.5	1933
1934	11.2	10.5	12.9	146	147	27.4	13.2	8.55	12.8	22.4	97.7	76.9	48.9	1934
1935	25.5	18.7	30.0	115	30.0	24.5	7.42	7.53	12.5	20.7	23.3	26.4	28.4	1935
1936	11.8	10.2	24.7	140	189	48.7	14.4	8.44	9.17	15.7	25.7	14.0	42.7	1936
1937	30.9	19.8	36.5	154	122	23.8	10.6	24.3	38.5	43.8	67.1	51.8	52.0	1937
1938	25.0	21.9	68.3	253	121	42.6	17.1	12.3	11.9	9.57	21.4	27.5	54.3	1938
1939	24.9	15.6	15.7	102	165	121	36.2	17.9	13.6	18.1	28.1	17.7	48.1	1939
1940	10.6	13.1	12.7	81.7	119	115	47.9	22.9	41.6	19.3	44.7	32.3	45.0	1940
1941	24.0	17.2	23.1	174	83.5	27.8	29.7	23.4	16.7	72.2	123	57.2	56.0	1941
1942	35.7	20.8	30.0	208	95.7	41.5	14.4	8.38	11.0	19.2	47.9	23.8	46.2	1942
1943	15.4	20.7	29.7	165	171	131	41.3	15.7	55.5	16.8	36.8	20.6	60.1	1943
1944	13.5	11.8	21.4	102	134	38.5	12.7	8.88	7.87	17.8	20.2	14.4	33.6	1944
1945	8.08	11.1	58.8	122	103	110	18.6	10.4	13.3	37.9	108	34.3	53.8	1945
1946	25.0	19.8	136	115	55.2	60.3	25.0	20.2	10.8	9.15	25.9	43.3	45.6	1946
1947	21.0	16.3	19.3	152	174	191	42.5	11.4	17.8	17.6	18.0	14.6	57.9	1947
1948	11.9	10.3	24.6	151	71.4	23.1	14.8	14.2	6.65	6.34	21.8	34.5	32.5	1948
1949	24.1	26.1	32.6	156	76.7	44.2	36.2	18.7	14.3	6.34	7.36	9.03	37.4	1949
1950	17.8	26.1	32.0	143	158	32.0	13.4	19.5	8.61	8.23	10.1	15.9	40.2	1950
1951	14.2	15.5	24.6	300	86.4	23.4	28.4	19.3	12.9	73.1	99.4	57.6	62.9	1951
1952	29.7	18.8	18.7	172	96.6	31.7	18.8	18.2	14.8	9.71	18.5	40.8	40.3	1952
1953	23.1	31.7	113	210	92.0	27.4	25.0	12.7	11.7	6.80	8.88	17.7	48.1	1953
1954	13.8	14.5	62.5	173	156	77.3	41.6	15.8	14.2	130	63.1	38.4	66.9	1954
1955	22.4	16.2	23.8	159	46.0	21.9	9.13	7.02	8.56	17.8	46.2	26.1	33.8	1955
1956	16.5	11.8	14.1	113	87.8	50.5	25.6	14.6	18.5	32.9	34.8	34.0	36.6	1956
1957	21.8	16.5	37.7	112	94.3	35.3	122	16.0	12.2	13.8	77.5	58.3	51.6	1957
1958	34.8	17.3	23.5	70.6	44.0	15.4	25.0	9.69	12.0	12.0	37.4	22.4	27.0	1958
1959	15.8	11.3	18.8	185	131	27.3	18.9	8.79	14.8	43.4	72.3	42.0	47.5	1959
1960	23.0	17.1	17.5	202	300	56.6	83.0	25.2	16.9	17.9	43.1	31.6	68.0	1960
1961	18.6	12.7	17.6	83.6	87.6	46.5	58.0	30.4	38.4	37.0	44.2	43.7	40.0	1961
1962	24.8	23.9	38.6	111	128	25.3	10.1	6.38	4.76	8.48	8.91	8.36	33.1	1962
1963	7.89	5.88	17.4	152	48.2	29.8	8.42	8.28	7.81	4.86	8.08	15.5	26.3	1963
1964	10.8	11.4	18.5	114	87.3	23.9	10.4	7.42	14.8	33.3	26.1	32.0	32.5	1964
1965	22.4	21.8	30.0	134	114	26.3	13.5	31.8	56.6	74.7	68.0	66.5	55.0	1965
1966	51.1	38.0	63.2	139	69.4	33.0	9.74	10.0	9.14	34.9	76.4	120	54.7	1966
1967	38.2	27.7	29.3	206	158	53.0	22.0	24.0	11.6	23.6	73.1	47.3	59.6	1967
1968	27.8	20.9	32.6	123	46.1	31.9	28.5	21.1	47.7	45.0	27.5	37.8	40.8	1968
1969	30.8	29.5	30.5	161	78.3	37.7	36.5	20.6	9.07	29.7	107	36.1	50.4	1969
1970	18.9	14.9	15.6	116	114	174	45.3	18.5	23.5	54.3	50.3	46.6	57.6	1970
1971	28.4	18.6	37.6	186	121	44.8	12.0	9.48	6.69	11.5	23.5	41.7	44.9	1971
1972	28.7	17.6	15.6	142	208	32.8	19.8	30.2	31.3	38.2	40.3	23.5	52.2	1972
1973	28.1	20.2	83.1	108	109	29.3	26.3	35.1	15.0	16.7	26.9	31.7	45.3	1973
1974	17.4	15.5	21.3	144	98.5	63.4	22.0	12.1	8.37	20.6	75.3	32.3	44.2	1974
1975	28.8	22.8	21.8	123	122	---	18.9	6.95	4.85	6.58	22.4	45.2	---	1975
1976	14.9	10.9	30.6	203	118	28.0	11.5	5.86	8.28	12.6	13.7	11.3	38.8	1976
1977	8.09	7.71	89.2	178	44.3	13.4	9.88	9.86	23.4	66.8	88.3	49.7	44.8	1977
1978	28.5	18.1	15.1	87.7	183	24.8	14.0	13.8	29.3	81.5	34.2	27.8	48.6	1978
1979	21.0	15.5	57.7	249	222	46.7	32.1	21.0	14.0	27.4	71.8	68.2	70.7	1979
1980	40.4	18.4	19.9	191	130	30.5	18.0	13.2	15.7	42.5	32.5	21.4	47.7	1980
1981	11.7	23.7	42.7	204	45.4	28.1	27.7	9.77	20.9	37.0	32.7	23.7	42.1	1981
1982	18.0	13.2	15.7	148	118	24.8	6.71	6.08	16.8	64.6	88.1	76.8	48.6	1982
1983	48.6	24.6	56.7	147	141	107	18.3	9.86	7.85	40.0	38.3	37.9	58.3	1983
1984	19.6	26.4	27.7	108	50.9	63.7	38.6	18.3	21.3	30.7	89.6	56.6	44.1	1984
MEAN	22.3	18.6	34.7	148	111	51.4	28.1	16.0	17.3	30.2	45.2	36.0	46.7	MEAN

LOCATION - LAT 48 18 55 N DRAINAGE AREA, 4 190 km²
LONG 81 31 18 W REGULATED

DATA CONTRIBUTED BY - INTERNATIONAL NICKEL COMPANY OF CANADA LIMITED

REMARKS - DAILY DISCHARGES PRIOR TO OCT 1953 ARE NOT AVAILABLE. INCLUDES ONAPING LAKE BASIN.

VERMILION RIVER AT LORNE FALLS - STATION NO. 02CF004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1918	---	---	---	1 350 000	1918
1919	---	---	---	1 940 000	1919
1920	---	---	---	1 140 000	1920
1921	---	---	---	1 200 000	1921
1922	---	---	---	1 440 000	1922
1923	---	---	---	1 220 000	1923
1924	---	---	---	1 120 000	1924
1925	---	---	---	975 000	1925
1926	---	---	---	1 240 000	1926
1927	---	---	---	1 380 000	1927
1928	---	---	---	2 690 000	1928
1929	---	---	---	1 590 000	1929
1930	---	---	---	1 570 000	1930
1931	---	---	---	1 370 000	1931
1932	---	---	---	1 520 000	1932
1933	---	---	---	1 470 000	1933
1934	---	---	---	1 540 000	1934
1935	---	---	---	895 000	1935
1936	---	---	---	1 350 000	1936
1937	---	---	---	1 640 000	1937
1938	---	---	---	1 710 000	1938
1939	---	---	---	1 520 000	1939
1940	---	---	---	1 420 000	1940
1941	---	---	---	1 760 000	1941
1942	---	---	---	1 480 000	1942
1943	---	---	---	1 900 000	1943
1944	---	---	---	1 060 000	1944
1945	---	---	---	1 700 000	1945
1946	---	---	---	1 440 000	1946
1947	---	---	---	1 830 000	1947
1948	---	---	---	1 030 000	1948
1949	---	---	---	1 180 000	1949
1950	---	---	---	1 270 000	1950
1951	---	---	---	1 980 000	1951
1952	---	---	---	1 270 000	1952
1953	---	---	---	1 520 000	1953
1954	---	292 ON OCT 20	3.54 ON SEP 6	2 110 000	1954
1955	---	215 ON APR 15	0 ON AUG 28 *	1 060 000	1955
1956	---	173 ON APR 14	0 ON SEP 2	1 220 000	1956
1957	---	283 ON JUL 5	0 ON SEP 1	1 630 000	1957
1958	---	80.1 ON APR 5	0 ON AUG 24	851 000	1958
1959	---	314 ON APR 20	0 ON AUG 16	1 500 000	1959
1960	---	430 ON MAY 14	1.58 ON AUG 28	2 150 000	1960
1961	---	112 ON APR 20	1.76 ON FEB 5	1 260 000	1961
1962	---	249 ON MAY 5	0 ON JUL 29	1 040 000	1962
1963	---	214 ON APR 7	0 ON JAN 5	828 000	1963
1964	---	221 ON APR 20	0 ON JAN 12	1 030 000	1964
1965	---	240 ON APR 17	5.65 ON AUG 1	1 740 000	1965
1966	---	263 ON APR 27	0 ON AUG 10	1 720 000	1966
1967	---	300 ON APR 22	0 ON JUL 18	1 880 000	1967
1968	---	183 ON APR 6	12.8 ON JUL 20	1 290 000	1968
1969	---	269 ON APR 18	0 ON SEP 9	1 590 000	1969
1970	---	436 ON JUN 5	6.43 ON AUG 23	1 810 000	1970
1971	---	326 ON APR 21	5.65 ON SEP 18	1 410 000	1971
1972	---	419 ON MAY 6	8.41 ON AUG 14	1 650 000	1972
1973	---	189 ON MAR 18	10.2 ON SEP 23	1 430 000	1973
1974	---	263 ON APR 20	3.40 ON SEP 14	1 390 000	1974
1975	---	323 ON APR 28	2.27 ON SEP 1	---	1975
1976	---	268 ON APR 21	2.27 ON SEP 4	1 230 000	1976
1977	---	242 ON APR 4	3.85 ON FEB 20	1 410 000	1977
1978	---	231 ON MAY 17	7.56 ON AUG 22	1 470 000	1978
1979	---	453 ON APR 30 *	10.2 ON SEP 29	2 230 000	1979
1980	---	338 ON APR 13	6.80 ON AUG 30	1 510 000	1980
1981	---	340 ON APR 8	4.90 ON AUG 22	1 330 000	1981
1982	---	272 ON MAY 1	3.98 ON AUG 21	1 530 000	1982
1983	---	305 ON APR 18	4.53 ON SEP 11	1 770 000	1983
1984	---	183 ON APR 22	11.9 ON AUG 20	1 400 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 470 000	MEAN

VERMILION RIVER BELOW KUSK LAKE - STATION NO. 02CF002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1919	---	---	---	---	---	---	---	---	---	50.3	70.2	49.8	---	1919
1920	29.4	18.7	54.9	143	100	62.3	38.5	30.1	10.1	7.36	10.1	19.2	43.5	1920
1921	18.6	16.3	53.5	139	74.3	47.8	18.2	14.1	16.8	14.8	20.4	50.8	40.2	1921
1922	20.4	13.7	19.9	248	126	62.3	36.0	13.7	18.8	10.3	15.0	18.3	50.3	1922
1923	18.1	21.4	20.2	55.5	182	64.0	29.5	17.1	37.0	15.8	15.3	17.0	41.1	1923
1924	18.1	33.6	23.6	132	103	55.8	21.4	16.5	12.1	11.8	25.9	22.7	39.5	1924
1925	18.7	27.7	27.9	117	45.3	58.7	33.0	16.4	9.60	11.2	29.5	30.4	35.1	1925
1926	20.9	27.2 R	18.9R	45.5	112	55.3	62.5	23.8	16.8	15.6	68.2	50.4R	43.8R	1926
1927	24.4R	27.8 R	105 R	108	83.3	81.6	32.0	23.0	17.8	31.9	35.1	49.0R	51.6R	1927
1928	34.8R	26.0 R	31.9R	236	216	80.1	72.8	37.5	56.5	162	119	59.7R	94.5R	1928
1929	30.9R	21.1 R	50.7R	197	116	49.0	36.2	18.9	---	---	40.7R	21.0R	---	1929
1930	14.9R	14.2 R	21.1R	91.3R	93.6	140	187	27.4	19.1	23.0	18.5R	15.3	54.0R	1930
1931	10.3	8.95	10.7	126	101	53.2	19.8	10.6	13.4	35.5	91.8	85.1R	45.6R	1931
1932	49.2R	39.3 R	40.4R	141	79.8	28.9	15.9	13.0	12.6	43.2	86.9	52.8R	50.2R	1932
1933	46.8R	26.8 R	22.3R	180	116	57.1	52.2	31.1	10.9	---	---	---	---	1933
MEAN	25.3R	23.1 R	35.8R	140 R	111	64.7	45.4	20.7	19.3	33.3	46.0R	37.3R	49.1	MEAN

LOCATION - LAT 46 20 00 N DRAINAGE AREA, 4 070 km²
LONG 81 21 00 W REGULATED

R - REVISED SINCE JAN 1980

REMARKS - STATION FORMERLY CALLED "VERMILION RIVER AT AHO'S FARM". INCLUDES ONAPING LAKE BASIN

VERMILION RIVER BELOW KUSK LAKE - STATION NO. 02CF002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1919	---	---	---	---	1919
1920	---	213 ON APR 3	5.95 ON SEP 23 *	1 380 000	1920
1921	---	214E ON APR 1	8.83 ON JUL 30	1 270 000	1921
1922	---	386 ON APR 15	8.84 ON OCT 14	1 590 000	1922
1923	---	430E ON MAY 1 *	9.00 ON APR 15	1 300 000	1923
1924	---	208 ON APR 11	9.06 ON NOV 5	1 250 000	1924
1925	---	183 ON APR 7	8.13 ON SEP 17	1 110 000	1925
1926	---	185 ON NOV 20	8.21 ON AUG 12	1 380 000R	1926
1927	---	221 ON MAR 22	14.0 ON SEP 15	1 630 000R	1927
1928	---	337 ON APR 14	16.1 ON SEP 9	2 990 000R	1928
1929	---	331 ON APR 12	---	---	1929
1930	---	396 ON JUL 1	11.3 RB ON FEB 22	1 700 000R	1930
1931	---	203 ON APR 16	8.83 ON AUG 27	1 440 000R	1931
1932	---	247 ON APR 14	11.7 ON OCT 1	1 590 000R	1932
1933	---	286 ON APR 22	---	---	1933
				1 550 000R	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED R - REVISED SINCE JAN 1980

VERMILION RIVER NEAR CAPREOL - STATION NO. 02CF100

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	29.1	38.9	11.5	6.12	4.98	10.2	8.28	7.90	---	1970
1971	---	---	---	---	28.7	10.0	3.56	1.89	1.15	2.05	4.02	6.44	---	1971
1972	4.78	3.52	3.61	15.9	35.9	7.33	4.89	7.08	7.20	6.83	8.25	5.38	9.23	1972
1973	4.54	4.38	13.8	21.5	20.8	12.6	7.25	6.14	3.87	4.92	7.16	6.05	9.43	1973
1974	4.60	3.92	3.66	21.3	21.0	11.3	5.59	3.33	2.17	3.82	10.8	6.05	8.12	1974
1975	---	---	---	---	24.9	11.9	5.35	2.25	1.67	2.32	4.58	6.84	---	1975
1976	---	---	---	48.2	26.6	9.05	3.14	1.49	1.86	2.44	---	---	---	1976
1977	---	---	---	---	11.2	3.75	3.07	2.06	3.86	8.21	8.92	7.27	---	1977
MEAN	4.84	3.94	8.98	26.7	24.8	13.1	5.52	3.80	3.34	5.10	7.43	6.85	8.93	MEAN

LOCATION - LAT 46 42 54 N DRAINAGE AREA, 635 km² DATA CONTRIBUTED BY -
LONG 80 57 01 W NATURAL FLOW ONTARIO MINISTRY OF THE ENVIRONMENT

VERMILION RIVER NEAR CAPREOL - STATION NO. 02CF100

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	---	---	---	---	1970
1971	53.8E AT 12:00 EST ON APR 24	53.0E ON APR 24	---	---	1971
1972	89.9E AT 13:28 EST ON MAY 4 *	89.4E ON MAY 4 *	3.00 B ON MAR 18	292 000	1972
1973	34.0 AT 23:29 EST ON MAY 9	32.8 ON MAY 10	2.88 ON OCT 1	297 000	1973
1974	47.0 AT 22:20 EST ON APR 30	46.7 ON APR 30	1.47 ON SEP 9	256 000	1974
1975	---	---	1.08 ON SEP 5	---	1975
1976	---	---	0.814 ON SEP 3 *	---	1976
1977	---	---	---	---	1977
				282 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

VERMILION RIVER NEAR VAL CARON - STATION NO. 02CF011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	11.2	8.17	5.38	10.4	8.62	9.30	---	1970
1971	4.78	5.01	5.77	26.5	27.0	10.4	3.97	2.43	2.03	---	---	7.50	---	1971
1972	5.42	4.00	4.14	17.4	38.6	8.10	5.33	8.34	9.53	8.25	9.18	8.17	10.5	1972
1973	5.84	5.27	15.3	22.7	22.5	13.3	7.58	5.88	4.09	5.14	7.57	8.82	10.4	1973
1974	4.78	3.87	3.77	22.4	23.0	12.7	8.25	---	---	---	---	---	---	1974
1975	---	---	---	---	28.5	11.8	5.78	2.89	---	---	5.02	10.4	---	1975
1976	---	---	---	34.2	25.7	8.71	3.43	---	---	---	---	---	---	1976
1977	---	---	---	31.5	12.1	4.28	3.52	2.78	4.84	9.09	10.1	8.30	---	1977
1978	6.13	4.21	3.45	---	32.5	8.49	4.25	4.61	5.83	---	7.20	8.82	---	1978
1979	4.82	4.00	6.40	42.8	32.4	10.6	9.72	5.30	3.51	8.28	15.6	13.3	13.0	1979
1980	7.03	3.88	2.18	27.1	29.6	8.28	4.12	3.24	3.68	8.71	8.82	4.07	9.07	1980
1981	3.18	3.72	5.58	35.8	10.9	7.54	8.69	2.78	5.26	7.74	6.82	5.14	8.27	1981
1982	3.87	2.85	3.30	18.5	28.4	5.74	2.91	1.94	6.31	14.9	14.8	14.3	9.68	1982
1983	10.3	4.80	7.42	24.1	32.0	20.0	4.37	2.69	2.45	8.73	5.98	6.54	10.8	1983
1984	3.93	3.82	3.80	23.0	15.3	18.3	9.85	4.13	3.70	5.83	11.5	10.1	9.23	1984
MEAN	5.42	4.14	5.82	27.2	25.3	10.5	5.93	4.15	4.68	8.51	9.09	8.37	10.1	MEAN

LOCATION - LAT 46 41 07 N DRAINAGE AREA, 704 km²
LONG 81 00 32 W NATURAL FLOW

REMARKS - DATA PRIOR TO 1980 CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT.

VERMILION RIVER NEAR VAL CARON - STATION NO. 02CF011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	---	---	---	---	1970
1971	52.1RE AT 12:00 EST ON APR 24	48.4E ON APR 24	---	---	1971
1972	75.0RE AT 05:48 EST ON MAY 5 *	74.5E ON MAY 5	3.65B ON FEB 11	331 000	1972
1973	35.4R AT 14:31 EST ON MAY 10	34.8 ON MAY 10	3.20 ON OCT 2	327 000	1973
1974	---	48.4 ON APR 24	---	---	1974
1975	---	50.1 ON APR 30	---	---	1975
1976	---	---	---	---	1976
1977	---	50.4 ON APR 23	---	---	1977
1978	---	---	---	---	1978
1979	---	138 A ON APR 27 *	3.01 ON OCT 2	411 000	1979
1980	---	48.7E ON MAY 10	1.98B ON MAR 7	287 000	1980
1981	54.6 AT 23:41 EST ON APR 5	52.0 ON APR 6	2.05 ON AUG 29	264 000	1981
1982	55.1 AT 08:56 EST ON APR 27	54.5 ON APR 27	1.65E ON AUG 21 *	305 000	1982
1983	52.6 AT 07:20 EST ON APR 18	50.3 ON APR 18	1.78E ON SEP 14	335 000	1983
1984	40.5 AT 06:12 EST ON APR 18	40.5 ON APR 18	2.89 ON SEP 24	292 000	1984
				319 000	MEAN

A - MANUAL GAUGE B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
(SEE REFERENCE INDEX) E - ESTIMATED R - REVISED SINCE JAN 1980

VERMILION RIVER NEAR WHITEFISH - STATION NO. 02CF001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	42.2	9.50	22.0	61.8	45.0	51.6	---	1915
1916	30.5	26.7	19.7	237	154	82.5	51.9	6.84	5.02	9.89	---	---	---	1916
MEAN	30.5	26.7	19.7	237	154	82.5	47.1	8.20	13.5	35.7	45.0	51.6	---	MEAN

LOCATION - LAT 46 23 40 N DRAINAGE AREA, 3 800 km² DATA CONTRIBUTED BY -
LONG 81 16 55 W REGULATED ONTARIO HYDRO

REMARKS - INCLUDES ONAPING LAKE BASIN.

VERMILION RIVER NEAR WHITEFISH - STATION NO. 02CF001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1915	---	---	---	---	1915
1916	---	430 ON APR 25 *	---	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

VEUVE RIVER NEAR VERNER - STATION NO. 02DD012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	21.6	5.75	1.78	5.92	0.691	2.28	8.83	10.3	---	1973
1974	2.81	0.881	1.33	36.1	13.6	11.2	1.43	0.737	2.81	12.9	30.8	5.70	10.0	1974
1975	3.48	1.64	1.70	48.1	20.3	5.55	0.748	0.412	0.298	0.806	4.04	13.5	8.47	1975
1976	1.67	1.25	20.2	58.3	23.2	3.28	0.838	0.821	1.41	2.39	4.77	2.42	10.9	1976
1977	1.35	1.18	34.1	40.4	3.57	0.519	1.59	5.70	17.8	19.0	23.8	13.2	13.5	1977
1978	4.15	2.31	1.83	50.6	25.0	1.98	0.974	1.84	14.9	25.5	9.85	5.10	12.1	1978
1979	3.55	2.78	29.4	59.1	18.9	5.73	2.79	2.08	2.73	5.15	21.6	11.0	16.2	1979
1980	9.02	1.87	10.0	58.9	18.4	3.22	2.26	1.82	10.8	18.4	11.8	4.74	13.4	1980
1981	2.65	16.1	17.2	51.0	12.2	8.73	4.21	1.11	8.99	17.6	8.86	5.71	13.6	1981
1982	3.05	2.08	5.98	53.5	9.29	2.12	0.754	0.446	2.71	12.6	21.2	24.2	12.3	1982
1983	7.77	3.18	19.1	40.2	36.5	10.0	1.13	0.644	3.03	13.2	9.82	6.16	12.8	1983
1984	3.43	13.3	9.20	43.4	11.3	17.2	4.30	1.85	8.14	8.45	24.7	12.2	13.0	1984
MEAN	3.92	4.24	13.6	55.5	18.0	8.27	1.90	1.97	6.18	11.5	15.0	9.61	12.4	MEAN

LOCATION - LAT 48 24 07 N
LONG 80 08 00 W
DRAINAGE AREA, 741 km²
NATURAL FLOW

VEUVE RIVER NEAR VERNER - STATION NO. 02DD012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1973	70.5 AT 04:50 EST ON MAY 10	68.0 ON MAY 10	0.555 ON SEP 18	---	1973
1974	115 B AT 00:10 EST ON APR 17	108 ON NOV 2	0.549 ON AUG 18	318 000	1974
1975	---	148 B ON APR 22	0.289 ON SEP 4 *	287 000	1975
1976	127 AT 18:34 EST ON APR 1	125 ON APR 2	0.334E ON SEP 7	343 000	1976
1977	128 AT 04:41 EST ON MAR 31	125 ON MAR 31	0.388 ON JUL 24	426 000	1977
1978	118 AT 04:40 EST ON APR 28	117 ON APR 28	0.652 ON AUG 18	381 000	1978
1979	166 AT 19:31 EST ON APR 15	162 ON APR 15	0.507 ON JUL 24	511 000	1979
1980	202 AT 11:10 EST ON APR 10 *	198 ON APR 10 *	0.795 ON AUG 8	424 000	1980
1981	182 AT 16:54 EST ON APR 5	178 ON APR 5	0.643 ON AUG 3	428 000	1981
1982	128 AT 01:04 EST ON APR 18	123 ON APR 18	0.411 ON AUG 8	388 000	1982
1983	95.4 AT 22:21 EST ON APR 15	93.2 ON APR 15	0.472 ON JUL 27	403 000	1983
1984	88.0 AT 21:25 EST ON APR 5	83.3 ON APR 6	0.966 ON JUL 30	411 000	1984
				391 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WABIGOON RIVER AT DRYDEN - STATION NO. 05OD018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	19.0	15.0	12.7	12.0	13.8	14.3	---	1970
1971	15.3	12.8	15.8	28.1	39.0	20.1	20.9	13.0	12.0	36.8	67.6	20.0	25.1	1971
1972	15.8	14.0	13.4	12.7	12.4	16.0	12.8	12.0	9.27	8.43	8.34	8.44	11.7	1972
1973	8.39	8.73	9.95	7.47	3.98	3.68	3.45	4.32	10.1	14.1	13.2	11.7	7.91	1973
1974	12.3	12.7	12.5	24.9	73.5	69.3	12.8	12.4	11.7	12.3	12.2	13.0	23.3	1974
1975	12.7	12.9	12.7	12.4	26.2	10.6	11.1	11.4	8.10	5.52	8.88	8.85	11.4	1975
1976	8.87	8.89	11.8	9.71	10.8	8.20	8.43	8.82	5.70	4.72	3.01	1.42	7.12	1976
1977	1.42	1.42	1.42	1.42	2.19	17.6	17.1	11.4	10.8	10.7	10.9	10.6	8.13	1977
1978	10.7	10.5	10.3	11.3	11.2	39.1	10.4	14.8	11.0	9.93	12.3	11.1	13.8	1978
1979	9.87	8.93	12.4	11.9	38.7	9.85	9.10	7.79	5.98	5.18	6.85	11.4	11.5	1979
1980	12.0	12.0	11.2	9.90	4.13	1.70	1.43	1.98	2.03	1.98	3.22	12.1	5.12	1980
1981	12.2	7.36	6.88	2.27	2.17	6.45	11.7	11.5	4.57	3.30	2.58	1.42	6.04	1981
1982	5.64	7.75	7.78	8.57	8.65	26.8	60.8	13.1	12.1	13.8	13.8	12.5	15.8	1982
1983	12.5	12.5	12.4	12.2	12.0	24.4	12.4	13.1	7.78	2.72	4.00	6.45	11.0	1983
1984	8.38	8.38	8.87	8.07	11.0	32.8	12.4	10.8	7.28	6.08	8.70	8.89	10.2	1984
MEAN	9.98	9.80	10.5	11.4	18.3	20.5	15.0	10.8	8.74	9.80	12.2	9.71	12.1	MEAN

LOCATION - LAT 49 49 45 N
LONG 92 52 15 W
DRAINAGE AREA, 2 300 km²
REGULATED
DATA CONTRIBUTED BY - GREAT LAKES FOREST PRODUCTS LIMITED

WABIGOON RIVER AT DRYDEN - STATION NO. 05OD018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1970	---	---	---	---	1970
1971	---	85.8 ON NOV 3	8.80 ON SEP 5	782 000	1971
1972	---	24.9 ON JUN 17	5.41 ON NOV 10	370 000	1972
1973	---	28.3 ON OCT 30	1.44 ON JUN 7	250 000	1973
1974	---	121 ON MAY 3 *	7.83 ON JUL 1	736 000	1974
1975	---	41.8 ON MAY 9	4.63 ON OCT 8	380 000	1975
1976	---	18.0 ON JAN 28	0 ON AUG 23 *	225 000	1976
1977	---	88.2 ON JUN 18	1.42 ON JAN 1	286 000	1977
1978	---	57.8 ON JUN 8	0 ON JUL 4	425 000	1978
1979	---	90.6 ON MAY 12	4.25 ON OCT 18	384 000	1979
1980	---	13.8 ON DEC 2	0.425 ON JUL 5	194 000	1980
1981	---	13.0 ON JAN 29	1.42 ON NOV 8	191 000	1981
1982	---	83.4 ON JUL 15	1.42 ON JAN 1	800 000	1982
1983	---	48.4 ON JUN 20	0.850 ON OCT 18	347 000	1983
1984	---	60.8 ON JUN 14	4.25 ON OCT 18	324 000	1984
				381 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WABIGOON RIVER AT WABIGOON FALLS - STATION NO 05OD001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	---	---	---	32.0	24.8	---	1914
1915	24.5	23.3	20.1	48.7	72.7	68.8	59.2	32.3	28.9	38.5	---	---	---	1915
1917	---	---	---	---	72.8	44.0	35.8	41.4	31.3	---	---	---	---	1917
MEAN	24.5	23.3	20.1	48.7	72.8	56.4	47.5	36.9	30.1	38.5	32.0	24.8	---	MEAN

LOCATION - LAT 50 15 15 N LONG 93 55 00 W DRAINAGE AREA, 8 080 km² REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO

WABIGOON RIVER AT WABIGOON FALLS - STATION NO 05OD001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1914	---	---	---	---	1914
1915	---	79.9 ON MAY 10 *	---	---	1915
1917	---	---	---	---	1917
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

WABIGOON RIVER BELOW RAILWAY BRIDGE, NEAR QUIBELL - STATION NO 05OD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1914	---	---	---	---	---	---	---	29.7	33.5	32.9	24.3	19.4	---	1914
1915	19.5	19.5	18.3	37.0	62.1	55.3	45.1	24.5	22.5	28.1	---	---	---	1915
1916	---	---	---	---	149	155	81.9	49.8	51.3	52.0	---	---	---	1916
1917	---	---	---	---	83.9	29.6	24.4	28.0	21.6	19.3	---	---	---	1917
1918	---	---	---	---	52.0	47.8	32.0	26.1	18.5	16.6	---	---	---	1918
1919	---	---	---	---	84.0	56.4	107	76.2	54.0	49.3	38.6	---	---	1919
1920	---	---	---	---	86.7	83.2	37.5	26.8	22.3	27.0	21.6	---	---	1920
1921	---	---	---	42.2	33.6	28.7	28.5	31.0	26.9	30.7	19.1	15.6	---	1921
1922	14.3	17.9	18.8	41.6	170	104	36.1	64.6	48.9	35.3	37.5	20.5	50.8	1922
1923	20.6	18.2	18.6	71.6	79.0	28.6	35.0	39.0	31.9	37.3	27.8	18.9	35.8	1923
1924	17.3	17.0	16.3	34.0	56.2	50.2	28.3	24.5	24.1	14.0	12.3	13.6	25.7	1924
1925	---	15.7	14.5	46.4	63.7	75.0	47.8	31.9	27.6	31.4	27.2	25.9	---	1925
1926	23.2	25.2	25.0	35.5	36.6	60.0	62.8	34.9	58.0	87.6	43.7	39.7	43.8	1926
1927	37.5	32.8	60.7	135	255	219	---	74.2	46.9	42.8	31.4	25.5	---	1927
1928	23.5	22.1	23.1	28.0	42.0	57.8	61.6	40.5	35.5	28.7	38.9	32.2	38.2	1928
1929	22.7	22.8	24.8	38.5	41.6	43.5	32.6	24.0	25.2	20.8	14.8	19.6	27.6	1929
1930	20.8	22.0	25.8	29.0	54.3	28.1	22.9	21.7	16.2	16.1	13.2	19.5	24.2	1930
1931	15.2	16.6	12.4	22.7	26.3	29.7	32.5	21.6	13.3	14.8	19.5	13.6	19.9	1931
1932	11.2	8.30	9.67	56.8	61.9	19.7	13.4	15.2	15.5	17.6	10.9	9.88	20.9	1932
1933	9.19	18.3	13.6	57.6	89.4	25.0	17.0	16.9	16.6	24.2	18.5	16.0	25.2	1933
1934	17.8	17.8	15.6	18.8	145	122	83.0	34.9	24.0	24.5	37.8	28.4	47.7	1934
1935	24.2	24.0	44.3	94.3	162	89.8	81.0	75.2	47.2	55.5	29.1	20.3	50.6	1935
1936	19.0	19.2	26.3	47.7	91.3	50.3	23.6	19.0	22.5	21.2	19.1	16.6	31.3	1936
1937	16.7	14.9	20.6	48.7	137	112	84.7	41.8	35.6	30.2	24.7	17.8	48.9	1937
1938	19.7	21.2	25.0	80.5	170	88.3	42.6	23.9	22.2	16.6	17.3	14.9	45.3	1938
1939	17.4	15.6	16.4	21.2	23.9	27.9	34.5	23.3	23.0	25.6	23.6	22.3	22.9	1939
1940	22.4	22.2	19.2	22.6	36.3	26.8	21.0	18.3	18.4	16.3	16.1	15.9	21.6	1940
1941	15.8	11.6	10.7	42.8	26.3	35.0	28.1	23.4	133	230	57.3	36.8	54.6	1941
1942	34.8	35.8	36.5	36.3	47.5	36.7	33.3	29.0	89.6	38.8	31.3	26.6	37.6	1942
1943	28.5	28.3	31.5	87.4	137	178	117	49.2	80.3	31.0	27.1	26.0	85.3	1943
1944	28.3	29.0	27.7	45.6	60.9	83.6	33.5	84.0	44.2	33.9	41.6	33.3	43.9	1944
1945	30.4	28.1	39.6	117	78.3	53.0	40.0	24.8	47.2	39.5	37.0	33.3	47.4	1945
1946	31.3	31.2	65.6	136	83.0	42.9	36.3	25.7	30.1	31.1	35.6	31.4	49.2	1946
1947	31.1	28.1	26.5	32.1	89.7	111	48.5	31.0	32.0	37.4	32.7	29.2	42.4	1947
1948	28.4	26.2	26.2	66.2	79.3	38.2	33.6	32.4	28.9	24.1	23.4	19.6	38.0	1948
1949	22.7	24.1	20.8	55.2	37.9	27.2	21.8	18.8	22.2	29.1	28.7	26.9	27.9	1949
1950	26.1	28.4	26.7	37.5	175	65.4	120	86.5	46.5	84.7	40.7	30.1	60.8	1950
1951	31.2	34.1	38.6	80.2	104	54.8	42.7	33.3	34.5	44.8	35.8	35.2	47.5	1951
1952	28.0	32.4	30.5	45.1	30.7	30.0	89.8	43.9	33.8	25.5	24.5	20.6	38.1	1952
1953	20.5	24.1	22.9	32.2	41.0	73.1	58.5	33.6	83.3	---	---	---	---	1953
MEAN	22.8	22.9	25.4	53.1	82.8	64.4	47.9	38.3	35.9	37.0	28.2	23.6	39.2	MEAN

LOCATION - LAT 48 57 48 N LONG 93 24 15 W DRAINAGE AREA, 8 450 km² REGULATED

WABIGOON RIVER BELOW RAILWAY BRIDGE, NEAR QUIBELL - STATION NO 05OD002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1914	---	---	---	---	1914
1915	---	78.7 ON MAY 10	---	---	1915
1916	---	177 ON MAY 31	---	---	1916
1917	---	---	---	---	1917
1918	---	---	---	---	1918
1919	---	129 ON JUL 12	---	---	1919
1920	---	---	---	---	1920
1921	---	---	---	---	1921
1922	---	238 ON MAY 21	11.2 B ON JAN 1	1 600 000	1922
1923	---	187 ON APR 28	17.4 B ON FEB 17	1 130 000	1923
1924	---	109 ON APR 28	10.1 ON OCT 25	812 000	1924
1925	---	---	---	---	1925
1926	---	131 ON OCT 6	17.3 ON MAR 8	1 380 000	1926
1927	---	---	---	---	1927
1928	---	104 ON JUN 20	20.6 B ON FEB 13	1 140 000	1928
1929	---	54.7 ON JUN 4	13.5 ON OCT 28	870 000	1929
1930	---	71.6 ON MAY 15	8.92 ON SEP 10	761 000	1930
1931	---	42.8 ON JUL 20	8.28 ON SEP 17	628 000	1931
1932	---	116 ON APR 21	2.97 ON SEP 27 *	660 000	1932
1933	---	142 ON APR 25	3.91 ON JAN 18	784 000	1933
1934	---	187 ON MAY 14	4.90 ON SEP 10	1 500 000	1934
1935	---	191 ON MAY 7	9.49 ON DEC 29	1 820 000	1935
1936	---	124 ON MAY 15	8.72 ON DEC 30	892 000	1936
1937	---	197 ON APR 28	7.678 ON FEB 10	1 540 000	1937
1938	---	242 ON MAY 9	7.73 ON DEC 30	1 430 000	1938
1939	---	72.2 ON JUL 14	5.888 ON FEB 24	723 000	1939
1940	---	55.2 ON APR 30	7.50 ON JAN 15	684 000	1940
1941	---	323 ON SEP 25 *	5.85 ON FEB 17	1 720 000	1941
1942	---	84.4 ON SEP 26	16.0 ON DEC 27	1 190 000	1942
1943	---	202 ON JUN 20	7.93 ON DEC 27	2 060 000	1943
1944	---	122 ON JUN 8	17.3 ON APR 3	1 380 000	1944
1945	---	132 ON MAR 31	12.9 ON AUG 15	1 500 000	1945
1946	---	232 B ON MAR 31	13.5 ON AUG 11	1 550 000	1946
1947	---	204 ON JUN 14	10.1 ON SEP 2	1 340 000	1947
1948	---	174 ON APR 27	3.77 ON DEC 28	1 140 000	1948
1949	---	91.2 ON APR 24	3.11 ON JUL 12	881 000	1949
1950	---	234 ON MAY 18	7.31 ON JAN 18	1 920 000	1950
1951	---	181 ON MAY 6	13.3 ON DEC 27	1 500 000	1951
1952	---	120 ON JUL 28	3.60 ON DEC 30	1 140 000	1952
1953	---	114 ON JUN 7	---	---	1953
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 240 000	MEAN

WABIGOON RIVER NEAR DRYDEN - STATION NO 05OD010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1970	---	---	---	---	---	---	21.1	17.8	15.8	16.5	17.8	18.8	---	1970
MEAN	---	---	---	---	---	---	21.1	17.8	15.8	16.5	17.8	18.8	---	MEAN

LOCATION - LAT 49 48 50 N
LONG 92 52 35 W

DRAINAGE AREA, 2 350 km^2
REGULATED

WABIGOON RIVER NEAR QUIBELL - STATION NO. 05OD005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	43.4	31.5	29.7	---	1953
1954	29.6	30.8	30.1	82.1	187	115	43.6	31.5	31.2	34.5	36.1	33.4	57.4	1954
1955	31.0	31.5	32.4	84.1	40.3	85.0	38.1	30.1	28.5	34.8	38.6	31.7	42.8	1955
1956	31.5	33.1	30.1	66.5	155	105	50.5	38.3	33.9	30.2	33.9	25.0	52.2	1956
1957	26.0	33.6	34.5	54.0	67.9	78.7	55.5	35.0	28.2	30.7	29.1	26.8	41.8	1957
1958	30.5	30.3	30.4	37.8	36.2	33.8	42.6	32.5	29.0	31.0	29.3	24.4	32.3	1958
1959	27.9	30.9	29.9	45.5	59.6	65.2	58.7	35.8	35.1	32.2	28.0	30.6	40.0	1959
1960	33.3	33.0	33.3	83.1	48.1	44.2	36.5	34.3	30.9	26.8	26.2	23.6	36.1	1960
1961	26.6	25.9	26.1	84.4	48.1	36.1	29.2	26.4	24.0	21.8	22.8	19.6	31.1	1961
1962	20.0	23.1	24.8	38.3	52.6	47.5	58.1	88.5	64.6	34.8	33.8	37.5	43.9	1962
1963	33.3	33.2	33.8	51.2	54.6	146	54.3	84.3	40.5	32.6	33.4	32.2	52.5	1963
1964	32.6	33.0	32.4	63.9	89.7	82.1	48.3	40.6	61.4	111	41.0	35.9	56.1	1964
1965	36.0	35.9	36.0	61.2	73.3	108	80.9	36.0	28.6	50.0	42.3	38.8	52.3	1965
1966	40.5	48.4	48.3	91.5	192	82.7	79.9	30.9	24.8	25.1	26.8	26.7	60.8	1966
1967	27.4	28.2	27.6	89.0	55.5	40.0	37.5	40.5	26.8	23.7	23.7	23.7	35.3	1967
1968	26.1	28.5	31.2	58.9	38.3	92.6	59.8	40.8	52.8	65.0	44.1	34.6	47.7	1968
1969	36.3	40.4	40.4	74.3	84.4	84.6	53.5	109	50.3	86.7	41.3	37.9	62.6	1969
1970	38.7	38.3	39.8	59.6	235	145	45.1	35.7	47.2	56.1	61.5	43.2	70.4	1970
1971	41.3	35.6	40.3	103	100	83.2	65.5	39.5	41.0	101	114	75.2	70.6	1971
1972	50.0	43.1	41.2	63.1	52.2	48.6	41.5	37.6	41.1	40.3	35.3	28.1	44.3	1972
1973	27.3	27.2	31.1	47.5	34.0	24.9	29.7	35.6	40.6	50.8	43.8	38.8	36.0	1973
1974	36.7	36.0	35.1	84.4	185	198	45.4	40.7	45.4	48.3	40.0	37.1	69.3	1974
1975	37.2	37.5	37.1	63.9	88.4	59.2	39.4	36.3	33.2	30.5	32.3	28.2	43.6	1975
1976	27.8	28.4	33.7	80.6	43.7	32.1	28.9	18.1	11.3	18.5	19.1	16.1	29.9	1976
1977	15.4	15.3	17.8	30.0	33.8	55.6	43.6	31.1	25.0	30.7	27.0	28.9	29.6	1977
1978	26.0	33.7	32.3	56.1	77.5	85.8	41.4	41.8	36.8	36.4	35.7	31.8	44.7	1978
1979	30.4	28.6	34.1	72.0	92.6	41.9	34.4	31.1	27.4	22.2	34.3	34.3	40.3	1979
1980	33.0	32.7	31.1	52.1	26.6	7.76	7.48	5.79	5.63	9.68	18.3	24.7	21.2	1980
1981	25.0	21.6	20.8	15.8	10.1	26.6	43.7	18.9	16.2	18.5	20.9	18.1	21.5	1981
1982	22.8	27.6	28.4	51.5	53.7	74.6	146	58.4	35.4	48.1	40.4	37.4	52.3	1982
1983	35.3	35.1	34.3	46.6	47.8	56.6	37.2	31.7	13.1	7.32	18.6	20.0	31.9	1983
1984	19.6	18.6	19.3	32.6	44.0	51.6	20.2	16.7	12.1	15.3	28.0	27.8	25.6	1984
MEAN	30.8	31.6	32.3	60.2	78.0	72.7	48.3	38.3	33.6	39.0	35.1	31.3	44.4	MEAN

LOCATION - LAT 49 57 20 N DRAINAGE AREA, 6 370 km²
LONG 93 23 50 W REGULATED SINCE 1914

WABIGOON RIVER NEAR QUIBELL - STATION NO. 05OD005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1953	---	---	---	---	1953
1954	---	236 ON MAY 15	11.4 ON SEP 7	1 810 000	1954
1955	---	135 ON APR 14	13.9 ON JAN 3	1 350 000	1955
1956	---	214 ON MAY 26	6.29 ON DEC 29	1 650 000	1956
1957	---	104 E ON MAY 1	8.78E ON JAN 1	1 320 000	1957
1958	88.2 AT 20:00 CST ON JUL 19	86.8 ON JUL 19	12.3 E ON JAN 1	1 020 000	1958
1959	88.1 AT 05:00 CST ON JUL 10	87.8 ON JUL 10	12.0 A ON JAN 2	1 280 000	1959
1960	---	130 A ON APR 24	12.1 ON OCT 18	1 140 000	1960
1961	---	181 A ON APR 23	9.63 ON DEC 25	881 000	1961
1962	155 AT 01:30 CST ON AUG 28	154 ON AUG 27	9.48 ON JAN 1	1 380 000	1962
1963	202 AT 10:40 CST ON JUN 19	202 ON JUN 19	25.8 ON DEC 27	1 650 000	1963
1964	182 AT 16:00 CST ON OCT 9	181 ON OCT 9	28.6 ON DEC 25	1 770 000	1964
1965	---	170 ON JUN 11	21.5 ON SEP 14	1 650 000	1965
1966	224 AT 12:15 CST ON MAY 24	223 ON MAY 24	19.9 ON SEP 26	1 920 000	1966
1967	104 AT 03:00 CST ON APR 24	104 ON APR 24	16.9 ON DEC 27	1 110 000	1967
1968	130 AT 10:30 CST ON JUN 15	130 ON JUN 15	23.0 ON JAN 2	1 510 000	1968
1969	157 AT 15:45 CST ON AUG 17	156 ON AUG 17	33.4 ON DEC 26	1 970 000	1969
1970	271 AT 00:01 CST ON MAY 6	270 ON MAY 4	32.6 ON AUG 28	2 220 000	1970
1971	176 AT 05:00 CST ON APR 20	175 ON APR 20	34.5 ON FEB 23	2 220 000	1971
1972	105 AT 20:49 CST ON APR 23	104 ON APR 23	25.8 ON DEC 28	1 400 000	1972
1973	78.3 AT 06:09 CST ON APR 23	78.2 ON APR 23	21.3 ON JUL 5	1 130 000	1973
1974	276 AT 05:57 CST ON JUN 11 *	275 ON JUN 11 *	32.3 ON MAR 22	2 190 000	1974
1975	144 AT 06:12 CST ON APR 29	143 ON APR 28	26.4 ON SEP 5	1 380 000	1975
1976	141 AT 04:18 CST ON APR 19	140 ON APR 19	2.27E ON AUG 25 *	848 000	1976
1977	102 AT 09:21 CST ON JUN 21	101 ON JUN 21	14.9 B ON JAN 14	833 000	1977
1978	---	156 E ON APR 28	25.7 ON JUL 12	1 410 000	1978
1979	151 AT 05:10 CST ON APR 27	151 ON APR 27	15.1 ON SEP 6	1 270 000	1979
1980	88.8 AT 22:00 CST ON APR 22	88.6 ON APR 22	4.83 ON JUL 13	883 000	1980
1981	110 AT 01:37 CST ON JUL 1	107 ON JUL 1	6.76 ON MAY 21	877 000	1981
1982	174 AT 15:30 CST ON JUL 8	172 ON JUL 9	18.7 ON JAN 2	1 850 000	1982
1983	74.1 AT 11:13 CST ON JUN 19	73.8 ON JUN 18	5.80 ON OCT 21	1 000 000	1983
1984	86.5 AT 17:39 CST ON JUN 16	86.3 ON JUN 17	9.83 ON OCT 12	808 000	1984
				1 400 000	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WANAPETEI RIVER NEAR STINSON - STATION NO. 02DB006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	44.9	27.9	53.1	56.1	26.7	12.0	12.8	24.3	41.8	36.9	---	1974
1975	35.2	39.7	36.5	34.5	26.1	51.7	23.5	10.2	10.2	8.63	16.6	23.2	28.4	1975
1976	28.0	36.6	41.8	44.0	80.1	34.5	12.3	8.63	10.0	22.2	16.3	24.7	29.6	1976
1977	24.6	21.7	42.0	35.5	42.8	10.1	16.4	14.4	22.7	35.5	42.6	43.1	29.3	1977
1978	39.2	37.4	45.7	16.4	15.1	31.3	13.2	12.8	14.0	48.6	45.1	35.1	29.5	1978
1979	36.9	32.9	35.2	46.1	143	61.8	31.0	20.4	18.2	25.9	37.7	68.7	45.0	1979
1980	44.9	51.2	44.4	21.4	89.9	24.9	21.7	16.0	---	---	---	---	---	1980
MEAN	34.8	36.6	41.5	32.3	61.4	37.2	21.0	13.2	14.7	27.7	33.7	37.0	32.0	MEAN

LOCATION - LAT 46 31 15 N DRAINAGE AREA, 2 750 km²
LONG 80 42 41 W REGULATED SINCE 1925

REMARKS - STATION FORMERLY CALLED "WANAPITEI RIVER BELOW STINSON GENERATING STATION"

WANAPETEI RIVER NEAR STINSON - STATION NO. 02DB006

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1974	79.8 AT 14:06 EST ON MAY 17	76.2 ON MAY 18	7.82 ON AUG 2	---	1974
1975	83.5 AT 15:06 EST ON JUN 10	80.7 ON JUN 11	0.7855E ON AUG 22 *	831 000	1975
1976	---	94.3 ON MAY 3	0.9815E ON JUL 29	941 000	1976
1977	104 AT 12:43 EST ON APR 28	88.0 ON MAY 2	7.05 ON APR 11	925 000	1977
1978	54.9 AT 22:08 EST ON MAR 24	54.7 ON MAR 24	3.06 ON MAY 3	932 000	1978
1979	285 AT 11:05 EST ON APR 30 *	278 ON APR 30 *	12.5 ON APR 11	1 420 000	1979
1980	106 AT 15:43 EST ON MAY 18	105 ON MAY 14	6.21 ON AUG 12	---	1980
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 010 000	MEAN

E - ESTIMATED

WANAPITEI RIVER AT MCVITTIES - STATION NO. 02DB002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1916	---	---	---	---	---	---	---	---	---	22.6	---	33.6	---	1916
1917	16.8	16.2	---	49.5	---	---	---	---	31.5	---	---	---	---	1917
1919	---	---	---	---	---	---	---	---	---	44.8	42.7	43.4	---	1919
1920	33.2	26.2	40.9	54.9	86.4	67.6	60.5	37.4	23.3	18.7	23.6	18.6	41.1	1920
1921	13.6	12.1	27.2	37.4	40.8	29.6	26.4	31.3	24.2	17.0	21.8	27.4	26.8	1921
1922	18.7	19.5	20.5	93.9	103	36.5	47.7	30.8	20.4	15.8	15.4	---	---	1922
1923	---	---	---	51.0	47.7	58.2	---	---	---	---	---	---	---	1923
MEAN	21.1	18.5	29.5	57.3	69.5	48.0	44.8	33.1	24.9	23.8	25.9	31.1	33.5	MEAN

LOCATION - LAT 46 19 00 N DRAINAGE AREA, 3 240 km² DATA CONTRIBUTED BY -
LONG 80 50 15 W REGULATED ONTARIO HYDRO

WANAPITEI RIVER AT MCVITTIES - STATION NO. 02DB002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1916	---	---	---	---	1916
1917	---	---	---	---	1917
1919	---	---	---	---	1919
1920	---	57.4 ON APR 30	13.6 ON DEC 13	1 300 000	1920
1921	---	42.4 ON MAR 28	10.48 ON MAR 6 *	615 000	1921
1922	---	122 ON APR 10 *	---	---	1922
1923	---	---	---	---	1923
		B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD		1 080 000	MEAN

WANAPITEI RIVER NEAR CONISTON - STATION NO. 02DB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1922	---	---	---	---	---	---	---	---	---	17.7	15.8	21.5	---	1922
1923	25.0	30.1	24.7	52.2	49.8	58.5	47.3	33.5	46.3	35.9	20.9	18.7	37.0	1923
1924	22.1	24.5	24.0	46.5	30.6	33.2	47.0	27.0	20.9	18.9	24.4	23.0	28.5	1924
1925	25.1	25.5	27.5	43.9	39.8	49.4	45.3	18.5	16.4	19.2	24.8R	22.5R	29.8R	1925
1926	21.8R	20.1R	36.8R	46.8	40.5	37.8	53.0	45.5	25.6	21.7	31.2	28.9R	34.6R	1926
1927	26.2R	26.4R	49.4R	58.7	86.5	50.8	25.4	19.9	20.2	22.3	23.9	24.1R	37.2R	1927
1928	24.0R	28.3R	57.3R	102	184	81.2	52.4	35.8	50.4	104	104	45.8R	70.9R	1928
1929	36.1R	37.0	39.5R	80.0R	107	73.6	73.1	36.8	29.2	28.6	27.4R	25.6	49.8R	1929
1930	26.7R	26.1R	31.9R	41.6	34.7	90.8	127	38.0	29.7	29.5	25.3	23.8R	43.9R	1930
1931	25.6	24.2	22.1	43.0	58.1	28.0	25.6	25.4	25.1	27.2	38.9	42.0R	32.2R	1931
1932	38.1R	60.5R	53.7R	60.0	28.9	23.0	24.4	15.5	18.3	27.5	79.2	52.4R	40.0R	1932
1933	41.3R	32.0	28.3	57.7	57.0	71.1	52.7	54.6	27.3	30.3	26.6R	26.6	44.0R	1933
1934	30.0	32.0	30.3	49.7	31.7	28.4	26.6	26.3	27.1	28.2	36.5	27.9R	31.3R	1934
1935	31.1	35.1	30.0	36.2R	26.7	29.9	41.2	26.8	28.6	28.9	30.8	29.6R	31.2R	1935
1936	30.7R	29.8R	36.7R	45.3	73.1	33.4	31.2	34.0	37.1	33.2	30.5R	30.8R	37.2R	1936
1937	32.0R	34.6R	29.9R	48.5R	39.3	29.1	33.4	32.1	39.7	35.4	34.7R	27.2R	34.6R	1937
1938	30.8R	43.3R	74.9R	111	107	76.4	32.3	26.5	25.1	26.8	35.1	27.7R	51.5R	1938
1939	24.0R	22.7R	23.1R	45.7R	29.8	84.6	32.3	29.4	28.8	31.7	30.6	28.3R	34.3R	1939
1940	31.4R	32.4R	28.7R	31.1R	26.7	28.0	36.1	36.1	35.7	22.4	32.3R	37.8R	30.8R	1940
1941	36.5R	44.5R	43.5R	60.2R	52.7	33.1	60.2	34.5	29.3	71.0	84.9	55.2R	50.5R	1941
1942	43.8R	44.8R	36.4R	67.9	61.8	35.4	32.8	37.7	37.3	34.2	30.6	26.3R	40.7R	1942
1943	26.7R	22.7R	24.1R	51.0R	30.7	88.7	40.4	32.2	33.1	33.5	34.2R	33.1R	37.5R	1943
1944	31.5R	31.0R	27.5R	39.3R	26.1	35.6	30.8	32.2	34.8	31.5	33.9	34.4R	32.3R	1944
1945	32.2R	30.0R	37.3R	26.6	31.1	78.0	34.4	35.6	37.3	29.1	41.8	31.6R	37.0R	1945
1946	30.6R	36.0R	75.6	31.8	40.7	41.6	34.2	35.2	36.0	40.0	38.0	29.3R	39.3R	1946
1947	28.0R	28.9R	29.9R	51.3	110	148	41.0	36.6	40.6	41.5	30.8R	31.2R	51.3R	1947
1948	27.4R	23.7R	36.1R	34.7	25.1	27.0	24.5	25.4	28.4	29.0	28.3	26.5R	28.1R	1948
1949	28.8R	28.8R	40.1R	35.8	26.3	61.0	35.4	33.8	35.5	40.4	37.7R	31.4R	36.3R	1949
1950	28.5R	31.3R	41.1R	42.8R	20.6	14.2	13.7	18.3	30.4	31.8	33.4R	31.8R	28.2R	1950
1951	37.3R	35.7R	47.8R	69.8	53.0	41.3	36.4	21.3	29.5R	78.9	85.5	48.3R	47.2R	1951
1952	47.9R	48.7R	---	---	---	---	---	---	---	---	---	---	---	1952
MEAN	30.8R	32.5R	37.8R	52.9R	52.4	52.1	41.0	30.8	31.3R	35.0	37.8R	31.5R	38.9	MEAN

LOCATION - LAT 46 28 20 N
LONG 80 49 10 W
DRAINAGE AREA, 2 820 km²
REGULATED

R - REVISED SINCE JAN 1980

WANAPITEI RIVER NEAR CONISTON - STATION NO. 02DB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1922	---	---	---	---	1922
1923	---	144 ON APR 24	15.8B ON DEC 16	1 170 000	1923
1924	---	101 ON APR 7	15.4 ON OCT 26	901 000	1924
1925	---	78.2 ON JUN 18	14.0 ON JUL 26	936 000R	1925
1926	---	125 ON NOV 16	17.6 ON OCT 31	1 090 000R	1926
1927	---	104 ON MAY 11	17.1 ON AUG 28	1 170 000R	1927
1928	---	222 ON MAY 16 *	22.1RB ON JAN 8	2 240 000R	1928
1929	---	150 ON APR 7	22.8 ON OCT 6	1 580 000R	1929
1930	---	212 E ON JUL 2	22.1RB ON DEC 28	1 380 000R	1930
1931	---	117 ON MAY 21	21.7 ON OCT 4	1 010 000R	1931
1932	---	117 ON NOV 13	12.4 ON AUG 28	1 260 000R	1932
1933	---	120 ON JUN 17	23.2 ON OCT 8	1 390 000R	1933
1934	---	87.5 ON NOV 23	17.6 ON SEP 5	888 000R	1934
1935	---	181 ON JUL 7	21.0 ON JUL 28	984 000R	1935
1936	---	138 ON MAY 20	21.1 ON OCT 24	1 180 000R	1936
1937	---	123 ON SEP 12	21.8RB ON DEC 18	1 080 000R	1937
1938	---	171 ON APR 30	21.6 ON SEP 25	1 630 000R	1938
1939	---	104 ON JUN 18	18.7RB ON MAR 26	1 080 000R	1939
1940	---	78.7 ON JUL 3	14.0 ON JUN 19	874 000R	1940
1941	---	154 ON JUL 20	19.8 ON JUN 13	1 580 000R	1941
1942	---	117 ON APR 8	22.6RB ON DEC 11	1 280 000R	1942
1943	---	167 ON JUN 15	17.3RB ON MAR 15	1 180 000R	1943
1944	---	95.1 ON JUN 19	18.0 ON JUN 4	1 020 000R	1944
1945	---	157 ON JUN 4	18.4 ON MAY 7	1 170 000R	1945
1946	---	118 ON MAR 15	20.2RB ON DEC 26	1 240 000R	1946
1947	---	209 ON JUN 16	22.6RB ON NOV 23	1 820 000R	1947
1948	---	73.2RB ON MAR 24	16.8 ON JUL 4	888 000R	1948
1949	---	129 ON JUN 29	18.1 ON MAY 15	1 140 000R	1949
1950	---	77.0RB ON MAR 28	10.2 ON JUN 21 *	888 000R	1950
1951	---	141 ON APR 8	15.2 ON AUG 22	1 490 000R	1951
1952	---	88.1RB ON JAN 22	39.1RB ON FEB 5	---	1952
				1 230 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

WANAPITEI RIVER NEAR WANAPITEI - STATION NO. 02DB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	17.6	21.2	20.6	20.6	20.1	---	1915
1916	20.0	18.2	18.4	37.1	131	56.4	30.6	22.7	13.5	---	---	---	---	1916
MEAN	20.0	18.2	18.4	37.1	131	56.4	30.6	22.7	17.4	20.6	20.6	20.1	---	MEAN

LOCATION - LAT 46 31 20 N
LONG 80 42 35 W
DRAINAGE AREA, 2 770 km²
NATURAL FLOW

DATA CONTRIBUTED BY - ONTARIO HYDRO

WANAPITEI RIVER NEAR WANAPITEI - STATION NO. 02DB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	140 ON MAY 5 *	10.8 ON AUG 24 *	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

WANAPITEI RIVER NEAR WANUP - STATION NO. 02DB005

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1952	---	---	---	81.4	31.4	35.5	28.1	28.9	27.0	26.2	30.4	33.2	---	1952
1953	40.2	47.3	73.0	39.8	36.1	36.9	30.3	24.9	27.2	25.9	27.6	28.6	36.5	1953
1954	31.1	39.8	55.9	50.7	29.8	74.4	34.6	25.1	37.2	90.6	54.2	45.4	47.4	1954
1955	45.2	46.9	54.8	61.9	21.8	15.2	15.6	14.3	12.3	22.7	22.8	29.0	30.2	1955
1956	40.9	43.7	44.7	42.8	15.1	12.9	19.4	15.8	27.3	39.7	42.0	37.2	31.7	1956
1957	38.1	38.0	50.8	38.2	26.0	21.9	101	21.4	31.3	37.8	50.7	45.0	41.8	1957
1958	37.8	38.1	41.5	30.3	18.9	11.4	13.1	10.9	11.5	15.4	26.2	29.5	23.6	1958
1959	26.3	32.0	38.8	56.6	32.9	27.2	23.3	16.1	20.8	43.4	45.0	39.5	33.5	1959
1960	37.6	40.8	49.6	68.5	189	61.4	45.4	26.9	25.7	32.5	35.9	31.1	54.2	1960
1961	37.3	35.2R	33.7	32.9	14.7	36.5	42.8	24.5	36.8	36.0	40.7	38.2	34.1R	1961
1962	36.2	38.7R	59.4R	51.1	38.3	29.5	22.9	19.3	21.4	23.0	20.2	14.2	31.0R	1962
1963	30.6R	34.8R	45.0R	30.5	8.86	13.1	14.8	15.1	26.3	26.6	23.0	28.1	24.8R	1963
1964	20.2	19.6	35.8	49.0	21.8	22.1	18.3	12.0	25.6	31.2	38.4	39.4	27.8	1964
1965	35.7	38.0	33.3	46.9	11.5	11.0	11.7	24.2	55.4	49.2	65.7	81.4	38.9	1965
1966	58.3	54.9	42.2	33.5	43.3	50.7	21.2	20.1	28.2	38.4	60.4	70.7	43.3	1966
1967	45.1	51.9	92.2	83.5	73.5	69.1	31.9	29.9	25.8	27.6	39.9	52.1	51.9	1967
1968	44.5R	36.0R	41.4	21.9	15.3	36.1	31.4	25.0	26.2	30.4	32.2	34.8	31.3R	1968
1969	34.3	33.9	56.0	52.2	32.5	46.5	37.2	23.2	21.3	34.3	65.4	40.4	39.7	1969
1970	35.1	36.3	54.7	49.9	39.3	107	47.7	33.9	38.2	39.2	38.9	33.7	46.0	1970
1971	34.9	38.3	50.0	85.9	40.7	48.3	22.0	13.9	10.6	12.1	17.9	32.8	33.8	1971
1972	29.9	35.6	42.1	67.4	59.2	23.2	23.0	36.2	52.8	34.7	31.8	29.7	40.4	1972
1973	31.5	33.4	71.9	35.8	81.9	45.4	33.8	27.1	22.6	28.0	37.8	44.2	41.3	1973
1974	42.0	38.3	47.8	55.8	54.1	59.0	29.1	11.8	14.3	30.4	51.9	37.3	39.3	1974
1975	35.6	38.0	37.8	83.6	30.1	49.9	23.6	10.5	10.4	10.3	22.7	28.0	29.9	1975
1976	27.3	38.7	52.6	67.6	81.8	35.3	16.3	10.2	13.3	25.1	17.8	25.4	34.1	1976
1977	23.3	20.8	65.3	46.5	41.8	9.12	17.5	15.8	22.6	42.8	48.5	45.5	34.3	1977
1978	39.8	38.5	45.6	46.5	22.2	30.7	12.5	14.1	20.3	57.1	45.9	35.2	34.0	1978
1979	38.4	35.8	53.3	82.5	156	50.4	30.2	20.4	18.8	27.3	45.5	82.9	51.9	1979
1980	48.5	50.8	49.6	55.1	74.1	25.4	21.3	16.9	17.4	37.7	38.1	41.0	39.7	1980
1981	41.0	51.2	53.0	51.3	37.9	33.5	30.6	7.85	19.0	41.2	33.7	33.7	36.1	1981
1982	37.8	45.1	47.0	88.2	13.0	8.48	12.5	10.8	16.5	51.8	44.1	55.7	35.0	1982
1983	56.7	49.3	48.4	35.2	81.7	72.9	13.9	13.0	10.0	17.5	25.1	39.0	39.4	1983
1984	46.3	62.2	54.5	31.6	12.0	61.0	43.7	19.9	21.9	30.8	47.3	51.3	40.1	1984
MEAN	37.7R	40.1R	50.7R	52.6	45.3	38.5	27.9	19.5	24.5	34.2	38.4	39.2	37.3	MEAN

LOCATION - LAT 46 20 40 N DRAINAGE AREA, 3 130 km^2
LONG 80 50 24 W REGULATED

R - REVISED SINCE JAN 1980

WANAPITEI RIVER NEAR WANUP - STATION NO. 02DB005

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1952	---	---	---	---	1952
1953	---	188 ON MAR 24	22.1 ON AUG 23	1 150 000	1953
1954	---	229 ON OCT 16	20.3 ON MAY 28	1 490 000	1954
1955	---	127 ON APR 5	11.4 ON SEP 7	953 000	1955
1956	---	118 ON APR 6	11.5 ON JUN 26	1 000 000	1956
1957	---	244 ON JUL 6	13.3 ON JUN 22	1 320 000	1957
1958	---	82.6 ON MAR 31	10.0 ON JUN 21	745 000	1958
1959	---	113 ON APR 18	10.6 ON AUG 8	1 060 000	1959
1960	---	284 ON MAY 10	21.6 ON JUL 15	1 710 000	1960
1961	---	144 ON JUN 27	9.66 ON JUN 1	1 080 000R	1961
1962	---	124 ON MAR 31	11.5 ON NOV 27	979 000R	1962
1963	---	142 ON MAR 31	3.84 ON JUN 8	781 000R	1963
1964	---	149 ON APR 14	9.00 ON AUG 22	881 000	1964
1965	---	108 ON APR 14	7.22 ON MAY 10	1 180 000	1965
1966	---	116 ON DEC 10	15.4 ON AUG 5	1 370 000	1966
1967	---	242 ON APR 2	8.61 ON OCT 19	1 640 000	1967
1968	---	84.8 ON MAR 20	9.71 ON OCT 10	935 000R	1968
1969	108 AT 12:00 EST ON NOV 21	106 ON NOV 21	7.82 ON SEP 9	1 250 000	1969
1970	247 AT 06:45 EST ON JUN 4	245 ON JUN 4	18.2 ON APR 30	1 450 000	1970
1971	148 AT 01:50 EST ON APR 17	138 ON APR 18	7.79 ON SEP 19	1 080 000	1971
1972	172 AT 02:56 EST ON APR 21	168 ON APR 21	9.86 ON JUN 2	1 280 000	1972
1973	---	148 B ON MAR 12	13.1 E ON AUG 21	1 300 000	1973
1974	150 AT 08:54 EST ON APR 15	145 ON APR 15	3.60 ON AUG 2	1 240 000	1974
1975	183 AT 00:55 EST ON APR 20	145 ON APR 20	1.74 ON OCT 13 *	943 000	1975
1976	128 AT 20:23 EST ON MAR 31	120 ON APR 1	4.47 ON AUG 28	1 080 000	1976
1977	148 AT 02:57 EST ON MAR 30	145 ON MAR 30	6.97 ON JUN 16	1 080 000	1977
1978	89.6 AT 03:32 EST ON APR 20	85.5 ON APR 20	7.28 ON MAY 5	1 070 000	1978
1979	328 A ON MAY 1 *	311 A ON MAY 1 *	12.2 ON AUG 21	1 640 000	1979
1980	178 AT 19:36 EST ON APR 9	164 ON APR 8	7.84 ON SEP 10	1 280 000	1980
1981	116 AT 08:45 EST ON FEB 24	112 ON FEB 24	4.65 ON AUG 3	1 140 000	1981
1982	118 AT 02:40 EST ON APR 14	115 ON APR 14	2.38 ON MAY 23	1 100 000	1982
1983	126 AT 16:33 EST ON MAY 8	124 ON MAY 8	7.80 ON SEP 15	1 240 000	1983
1984	117 AT 14:37 EST ON JUN 14	113 ON JUN 14	5.90 ON MAY 21	1 270 000	1984
MEAN				1 180 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

WANAPITEI RIVER OUTLET WANAPITEI LAKE - STATION NO. 02DA001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1939	---	---	---	---	---	---	27.7	24.3	25.2	22.1	21.4	24.0	---	1939
1940	29.1	31.4	28.1	17.6	6.34	17.4	30.0	19.7	25.5	17.8	21.4	34.0	23.2	1940
1941	33.9	44.4	43.0	31.9	45.9	28.9	50.2	30.7	22.8	59.2	71.6	48.9	42.6	1941
1942	42.6	42.9	28.7	37.6	54.7	29.8	29.1	34.2	31.3	28.6	19.1	24.9	33.6	1942
1943	25.8	21.3	20.2	17.9	18.3	72.7	33.9	26.7	22.2	28.9	26.1	31.7	28.8	1943
1944	29.9	29.9	25.2	14.4	15.0	30.2	26.2	28.7	28.2	23.3	27.7	31.9	25.9	1944
1945	31.8	29.1	18.0	15.6	16.6	69.0	29.5	31.5	27.5	17.5	27.6	28.9	28.3	1945
1946	25.9	34.2	49.1	22.5	30.7	35.9	29.6	30.7	33.3	35.1	28.4	21.5	31.4	1946
1947	25.4	27.8	26.4	15.2	95.2	123	33.5	32.2	30.7	35.2	26.4	30.3	41.8	1947
1948	26.8	21.7	25.2	9.80	15.6	21.5	19.7	21.4	25.4	23.7	11.6	21.6	20.4	1948
1949	25.9	27.8	29.3	8.89	18.0	50.7	29.9	30.3	30.2	34.4	33.1	28.1	28.9	1949
1950	24.2	29.3	31.3	18.7	9.12	9.97	10.9	13.0	25.4	25.6	25.8	28.1	20.9	1950
1951	25.5	34.0	36.5	15.6	44.4	33.1	29.1	17.2	23.2	52.9	48.5	41.1	34.3	1951
1952	45.6	45.5	54.6	38.3	23.6	30.4	---	---	---	28.2	21.2	28.1	---	1952
1953	42.9	48.8	42.6	30.9	31.1	36.3	28.6	25.2	27.6	27.7	27.5	25.6	32.6	1953
1954	31.2	37.8	40.5	28.5	15.3	59.0	31.0	24.3	33.4	60.0	45.8	45.2	37.6	1954
1955	44.0	48.2	53.5	33.4	17.1	16.4	14.1	12.1	9.63	---	---	---	---	1955
1956	---	---	---	---	---	---	---	---	---	27.9	35.0	33.3	---	1956
1957	34.8	34.9	40.3	24.3	19.3	15.1	81.4	20.4	28.5	---	---	---	---	1957
MEAN	32.7	34.4	34.7	22.4	28.0	40.0	31.4	24.9	25.5	32.3	30.5	31.0	30.7	MEAN

LOCATION - LAT 46 39 51 N
LONG 80 40 24 W
DRAINAGE AREA, 2 540 km^2
REGULATED

WANAPITEI RIVER OUTLET WANAPITEI LAKE - STATION NO. 02DA001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1939	---	---	---	---	1939
1940	---	74.5 ON JUL 3	3.06 ON JUN 13	733 000	1940
1941	---	103 ON JUL 20	2.38 ON APR 15 *	1 340 000	1941
1942	---	82.1 ON MAY 18	5.86 ON NOV 20	1 060 000	1942
1943	---	131 ON JUN 19	9.00 ON MAY 8	808 000	1943
1944	---	84.7 ON JUN 18	2.83 ON APR 14	818 000	1944
1945	---	135 ON JUN 3	5.15 ON MAR 28	893 000	1945
1946	---	56.4 ON MAY 31	12.5 ON DEC 12	891 000	1946
1947	---	180 ON JUN 21	3.11 ON APR 13	1 320 000	1947
1948	---	34.3 ON JUN 16	3.68 ON APR 8	644 000	1948
1949	---	104 ON JUN 28	2.72 ON APR 22	910 000	1949
1950	---	39.6 ON MAR 4	3.11 ON APR 20	659 000	1950
1951	---	101 ON OCT 30	5.10 ON APR 9	1 060 000	1951
1952	---	---	---	---	1952
1953	---	52.7E ON MAR 6	21.4 E ON MAY 6	1 030 000	1953
1954	---	106 E ON OCT 24	10.9 E ON MAY 12	1 190 000	1954
1955	---	---	---	---	1955
1956	---	---	---	---	1956
1957	---	183 E ON JUL 5 *	11.0 E ON JUN 14	---	1957
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		970 000	MEAN

E - ESTIMATED

WATABEAG RIVER AT WATABEAG LAKE DAM - STATION NO. 04MB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1954	---	---	---	---	---	---	---	---	---	7.88	2.86	8.49	---	1954
1955	8.15	0	0	0	0	0	0	0	0	0	0	3.98	1.03	1955
1956	10.1 R	0 R	0 R	0.068	0	0	0	0	0	1.82	1.12	11.7	2.10 R	1956
1957	7.34	0.389R	0 R	0 R	0 R	0	0	0	0	0	2.16	7.35	1.46 R	1957
1958	8.57	5.56	0	0	0	0	0	0	0	0	0.080	4.22	1.80	1958
1959	8.61	7.31	1.55 R	0 R	0	0	0	0	0	0	0	7.97	2.19 R	1959
1960	7.23	1.01	0	0.052	0.893	4.89	5.27	2.81	2.27	6.10	9.13	2.56 R	3.52 R	1960
1961	0 R	0 R	0.136R	0	0	0	0	0	0	1.87	2.43	8.81	1.10 R	1961
1962	7.77	6.38	2.74	0	0	0	0	2.20	11.3	0.152	4.61	0.735	2.95	1962
1963	0.425	0.425	0.425	0.039	0	0	0	0	3.19	3.20	3.38	0.566	0.868	1963
1964	0.566	0.566	0.566	0.575	0	0	9.18	8.22	5.16	0.678	5.99	0.512	2.68	1964
1965	1.13	5.17	7.42	0.488	0	0	1.93	3.40	2.65	0.448	7.10	8.43	3.17	1965
1966	5.81	3.41	3.72	0	0	0	2.91	2.98	3.23	3.87	4.28	4.66	2.91	1966
1967	4.66	4.65	4.65	1.07	0.055	7.31	1.38	1.22	3.92	2.97	4.02	2.73	3.23	1967
1968	1.65	1.24	3.26	0	0	0.354	3.66	3.47	2.52	1.94	1.46	3.11	1.89	1968
1969	3.09	1.68	6.22	2.09	0	0.159	1.72	1.53	0.662	1.91	0.632	2.19	1.67	1969
1970	5.83	4.21	0.713	0.484	0	0.080	4.45	3.85	5.42	6.92	6.31	5.14	3.83	1970
1971	4.39	5.58	6.33	0.772	0	0	3.54	5.92	5.77	4.43	4.43	4.88	3.83	1971
1972	4.73	5.67	6.49	3.67	0	0	0	1.30	2.50	1.77	1.37	2.58	2.67	1972
1973	1.84	2.09	7.76	0.730	0	0	0.188	3.35	8.32	5.36	0.241	1.68	2.64	1973
1974	0.809	0.566	7.87	2.02	0	4.25	4.65	0.493	2.26	4.19	3.13	1.79	2.71	1974
1975	0.453	0.814	11.1	1.06	0	0.431	1.67	0.785	0.823	1.33	3.17	3.50	2.10	1975
1976	1.74	5.86	10.8	0.576	1.80	1.56	1.60	1.20	3.25	3.73	2.52	1.79	3.03	1976
1977	1.37	3.81	4.31	0	0.287	0.484	4.10	0.150	0.194	1.72	2.50	3.98	1.89	1977
1978	2.88	7.36	6.47	3.78	0	0	0.713	0.794	2.52	1.81	0.363	0.174	2.17	1978
1979	0.279	2.32	7.86	0.404	1.20	1.91	3.53	2.53	0.156	2.20	5.28	5.01	2.74	1979
1980	2.81	4.48	8.52	0.985	0	0.588	1.23	1.57	2.20	1.82	2.41	2.33	2.22	1980
1981	1.53	4.87	8.88	0	0	0.589	2.11	0	0.206	3.48	4.07	2.44	2.32	1981
1982	1.62	4.88	5.24	2.59	0	0	0	0	0	1.97	4.45	2.79	1.85	1982
1983	2.25	4.54	7.41	0	0	0.253	0	0	0	0	0.023	0.445	1.23	1983
1984	0.218	0.121	4.11	0	0	0	0.413	0	0	0	0.843	0	0.488	1984
MEAN	3.57 R	3.15 R	4.80 R	0.714R	0.142R	0.781	1.81	1.80	2.28	2.35	2.91	3.78 R	2.28	MEAN

LOCATION - LAT 48 17 34 N LONG 80 32 43 W DRAINAGE AREA, 238 km^2 REGULATED DATA CONTRIBUTED BY - ONTARIO HYDRO R - REVISED SINCE JAN 1980

WATABEAG RIVER AT WATABEAG LAKE DAM - STATION NO. 04MB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1954	---	---	---	---	1954
1955	---	15.7 ON JAN 7	0 ON JAN 21 *	32 400	1955
1956	---	14.9 ON DEC 1	ORE ON FEB 1	86 400R	1956
1957	---	13.7 ON NOV 9	ORE ON FEB 4	46 000R	1957
1958	---	12.2 ON FEB 8	0 ON FEB 17	50 800	1958
1959	---	56.1 ON JAN 7 *	ORE ON MAR 10	58 900R	1959
1960	---	12.7 ON NOV 12	0 ON FEB 8	111 000R	1960
1961	---	10.3 ON DEC 1	ORE ON JAN 1	34 700R	1961
1962	---	20.7 ON SEP 13	0 ON MAR 30	92 900	1962
1963	---	20.8 ON SEP 14	0 ON APR 3	30 500	1963
1964	---	14.0 ON JUL 4	0 ON APR 18	84 600	1964
1965	---	12.7 ON MAR 11	0 ON APR 15	100 000	1965
1966	---	8.35 ON JAN 1	0 ON MAR 26	91 600	1966
1967	---	18.4 ON JUN 20	0 ON APR 18	102 000	1967
1968	---	5.80 ON DEC 14	0 ON MAR 30	58 900	1968
1969	---	10.3 ON MAR 15	0 ON APR 18	58 900	1969
1970	---	9.49 ON JAN 17	0 ON APR 21	114 000	1970
1971	---	10.3 ON MAR 6	0 ON APR 17	121 000	1971
1972	---	11.0 ON MAR 25	0 ON APR 21	84 300	1972
1973	---	11.8 ON MAR 13	0 ON APR 4	83 300	1973
1974	---	16.6 ON MAR 20	0 ON APR 8	85 400	1974
1975	---	20.5 ON MAR 22	0 ON APR 19	66 200	1975
1976	---	12.9 ON FEB 26	0 ON APR 3	95 600	1976
1977	---	12.7 ON MAR 5	0 ON MAR 15	59 700	1977
1978	---	16.1 ON FEB 16	0 ON APR 27	68 400	1978
1979	---	14.2 ON JUL 5	0 ON APR 3	85 500	1979
1980	---	11.3 ON FEB 28	0 ON APR 10	70 300	1980
1981	---	14.2 ON MAR 4	0 ON MAR 25	73 100	1981
1982	---	11.5 ON FEB 17	0 ON APR 16	61 300	1982
1983	---	14.8 ON MAR 1	0 ON MAR 30	38 800	1983
1984	---	9.40 ON MAR 1	0 ON JAN 1	15 400	1984
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980		71 800R	MEAN

WAUBUNO CREEK NEAR DORCHESTER - STATION NO. 02GD020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1985	---	---	---	---	---	0.057	0.045	0.031	0.041	0.176	0.543	1.61	---	1985
1986	0.488	1.53	2.13	1.37	0.585	0.337	0.042	0.103	0.069	0.101	1.15	3.02	0.908	1986
1987	1.27	0.712	3.70	2.71	0.827	0.723	0.203	0.321	0.159	1.19	2.02	2.52	1.38	1987
1988	1.22	3.92	5.33	0.778	0.333	0.498	0.175	0.055	0.218	0.591	1.51	1.74	1.36	1988
1989	2.55	1.28	2.77	2.28	1.33	0.327	0.070	0.038	0.037	0.055	0.300	0.288	0.950	1989
1990	0.257	0.488	1.76	2.14	0.483	0.096	0.114	0.040	0.048	0.121	0.870	1.40	0.650	1990
1991	0.474	1.39	3.42	2.31	0.261	0.087	0.024	0.036	0.031	0.045	0.085	0.314	0.701	1991
1992	0.850	0.238	3.84	3.10	0.891	0.232	0.138	0.116	0.054	0.488	1.30	1.96	1.09	1992
1993	1.88	0.925	5.43	1.43	0.784	0.202	0.047	0.044	0.024	0.098	1.05	1.22	1.10	1993
1994	3.52	1.40	3.12	2.07	1.90	0.898	0.307	0.030	0.034	0.058	0.477	0.379	1.17	1994
1995	2.08	2.85	3.54	2.38	0.379	0.358	0.059	0.085	0.241	0.091	0.222	1.20	1.10	1995
1996	0.742	4.87	5.17	1.41	1.36	0.155	0.981	0.781	0.485	0.544	1.08	0.528	1.52	1996
1997	0.244	0.358	5.28	1.68	0.287	0.114	0.073	0.120	0.778	1.17	1.26	2.95	1.28	1997
1998	0.753	0.585	2.18	5.88	0.843	0.174	0.038	0.018	0.078	0.142	0.226	0.451	0.925	1998
1999	0.842	0.298	4.28	3.10	0.585	0.184	0.071	0.058	0.085	0.132	1.34	1.96	1.07	1999
2000	1.08	0.258	2.52	2.32	0.475	0.247	1.09	0.158	0.188	0.397	0.253	0.826	0.821	2000
2001	0.155	5.04	1.10	1.40	0.852	0.448	0.101	0.072	0.584	1.39	0.825	0.644	1.00	2001
2002	0.451	0.194	3.71	3.31	0.893	0.885	0.123	0.141	0.195	0.178	2.29	3.78	1.32	2002
2003	0.791	1.35	1.05	1.77	2.45	0.818	0.464	1.16	0.180	0.207	0.801	2.21	1.11	2003
2004	0.263	5.26	4.03	1.43	0.745	1.85	0.778	0.158	0.918	0.251	0.828	1.86	1.51	2004
MEAN	1.03	1.73	3.44	2.26	0.834	0.415	0.247	0.179	0.222	0.370	0.928	1.55	1.10	MEAN

LOCATION - LAT 42 59 40 N DRAINAGE AREA, 108 km^2
LONG 81 07 00 W NATURAL FLOW

WAUBUNO CREEK NEAR DORCHESTER - STATION NO. 02GD020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	30.3 AT 00:00 EST ON DEC 7	23.7 ON DEC 7	0.025 ON JUL 20	28 500	1966
1967	25.6 AT 09:30 EST ON APR 3	19.4 ON APR 3	0.082 ON SEP 17	43 400	1967
1968	66.5 AT 11:30 EST ON FEB 2	55.5 ON FEB 2 *	0.042 ON AUG 15	42 900	1968
1969	52.48 AT 18:15 EST ON JAN 30	22.6 B ON JAN 30	0.026 ON OCT 12	30 000	1969
1970	15.3 AT 21:44 EST ON APR 2	8.57 ON APR 3	0.024 ON AUG 18	20 500	1970
1971	21.4 AT 08:05 EST ON APR 2	15.3 B ON FEB 28	0.011 ON JUL 20	22 100	1971
1972	---	26.3 B ON MAR 22	0.027 ON SEP 22	34 600	1972
1973	34.8 AT 21:38 EST ON MAR 11	15.3 ON MAR 11	0.020 ON JUL 22	34 700	1973
1974	34.5 AT 05:10 EST ON MAR 5	22.6 ON JAN 27	0.019 ON AUG 22	38 800	1974
1975	41.18 AT 12:15 EST ON FEB 24	27.8 B ON FEB 24	0.019 ON AUG 2	34 800	1975
1976	70.2 AT 23:04 EST ON MAR 5 *	32.6 ON MAR 5	0.081 ON SEP 8	47 900	1976
1977	48.2 AT 09:21 EST ON MAR 13	32.8 ON MAR 13	0.034 ON JUL 31	40 500	1977
1978	35.4 AT 22:44 EST ON APR 1	20.0 ON APR 2	0.008 ON AUG 15	29 100	1978
1979	35.2 AT 08:59 EST ON APR 14	26.5 ON APR 14	0.020 ON JUL 27	33 800	1979
1980	28.7 AT 15:43 EST ON JUL 8	15.5 ON MAR 21	0.053 ON AUG 28	28 000	1980
1981	38.0 AT 20:30 EST ON FEB 23	20.0 B ON FEB 19	0.002 ON JUL 17 *	31 700	1981
1982	48.4 AT 11:35 EST ON MAR 31	31.9 ON MAR 31	0.013 ON AUG 20	41 600	1982
1983	27.4 AT 00:24 EST ON MAY 3	13.9 ON MAY 3	0.051 ON JUL 28	35 100	1983
1984	68.7 AT 11:01 EST ON FEB 14	51.6 ON FEB 14	0.027 ON AUG 28	47 800	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		34 800	MEAN

WELLAND CANAL DIVERSION FROM LAKE ERIE - STATION NO. 02HA019

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	170	162	178	242	251	241	252	234	235	241	240	230	223	1984
MEAN	170	162	178	242	251	241	252	234	235	241	240	230	223	MEAN

REGULATED

DATA CONTRIBUTED BY - ST. LAWRENCE SEAWAY AUTHORITY

REMARKS - DISCHARGES DO NOT INCLUDE FLOW FROM WELLAND CANAL TO WELLAND RIVER

WELLAND CANAL DIVERSION FROM LAKE ERIE - STATION NO. 02HA019

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1984	---	282 ON NOV 22 *	120 ON MAR 21 *	7 080 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		7 080 000	MEAN

WELLAND RIVER BELOW CAISTOR CORNERS - STATION NO. 02HA007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1957	---	---	---	---	---	---	0.880	0.005	0.015	0.012	0.035	2.25	---	1957
1958	0.135	0.722	7.43	1.37	0.072	0.014	0.004	0	0.001	0.003	0.117	0.118	0.838	1958
1959	3.27	3.47	18.8	7.35	0.385	0.101	0	0	0	0.209	1.02	2.84	3.14	1959
1960	2.21	2.98	2.04	13.3	3.81	0.285	0.022	0.045	0.001	0	0.018	0.006	2.04	1960
1961	0.003	3.97	1.33	5.04	0.700	0.073	0.022	0.414	0.181	0.004	0.107	0.315	0.984	1961
1962	1.10	0.320	8.44	0.547	---	---	---	---	---	8.00	5.23	2.88	---	1962
1963	0.042	0.021	11.1	2.48	0.852	0.373	0.001	0.175	0.005	0	0.018	0.036	1.27	1963
1964	1.51	0.141	8.53	3.81	0.826	0.008	0.137	1.24	0.082	0.010	0.018	0.989	1.45	1964
1965	2.13	7.20	4.20	7.50	0.208	0.005	0.004	0.008	0.023	0.304	1.87	3.54	2.21	1965
1966	1.11	4.52	8.02	2.35	0.719	0.088	0.001	0	0	0	0.012	3.70	1.70	1966
1967	2.41	1.70	5.86	3.86	2.83	0.088	0.012	0.001	0.003	0.151	0.732	3.82	1.78	1967
1968	1.08	8.81	5.45	0.885	0.401	2.67	0.190	0.008	0.402	0.083	5.35	2.80	2.14	1968
1969	6.35	3.45	3.28	7.62	3.77	0.240	0.027	0.040	0	0	0.159	1.21	2.08	1969
1970	0.155	2.07	5.48	2.83	0.283	0.030	0.108	0.027	0.053	0.351	2.85	4.85	1.85	1970
1971	0.585	4.01	8.57	1.84	0.114	0.285	0.002	0	0	0.008	0.009	1.38	1.38	1971
1972	3.50	0.092	14.1	7.22	1.88	0.354	0.153	1.12	0.107	0.440	3.77	8.88	3.48	1972
1973	4.81	2.22	11.1	3.12	0.911	0.198	0.138	0.133	0.192	0.436	8.31	6.83	3.05	1973
1974	8.13	5.85	5.84	3.83	8.23	0.744	0.083	0.073	0.181	0.241	0.857	1.88	2.77	1974
1975	2.85	4.82	8.08	1.73	0.383	0.787	0.038	0.238	1.80	0.755	1.81	3.78	2.00	1975
1976	2.98	12.2	9.88	5.89	4.19	0.288	0.324	0.229	0.081	0.254	0.483	0.473	3.08	1976
1977	0.152	0.754	8.75	2.48	0.081	0.178	0.847	0.483	7.71	3.56	1.73	13.8	3.28	1977
1978	1.92	1.88	10.8	5.87	0.588	0.131	0.436	0.512	0.883	2.55	0.784	3.37	2.38	1978
1979	4.38	2.14	7.11	8.25	0.824	0.088	0.084	0.081	0.348	0.583	2.28	6.18	2.87	1979
1980	0.885	0.535	5.41	8.40	0.888	0.252	0.391	0.307	0.676	1.32	0.631	1.89	1.83	1980
1981	0.078	11.6	0.872	1.18	0.730	0.875	0.848	1.84	4.10	3.22	2.34	3.91	2.48	1981
1982	3.47	0.135	12.0	5.72	0.211	2.08	0.086	0.145	0.611	0.622	5.51	8.27	3.28	1982
1983	1.88	3.83	4.41	4.43	3.85	0.604	0.508	1.89	0.622	0.906	3.45	6.78	2.78	1983
1984	0.632	8.40	8.05	8.28	2.12	4.85	0.133	0.089	1.85	0.843	1.80	4.35	3.83	1984
MEAN	2.10	3.85	7.84	4.87	1.42	0.594	0.180	0.341	0.724	0.808	1.74	3.80	2.27	MEAN

LOCATION - LAT 43 01 30 N LONG 79 37 00 W

DRAINAGE AREA, 230 km^2

REGULATED

WELLAND RIVER BELOW CAISTOR CORNERS - STATION NO. 02HA007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1957	---	---	---	---	1957
1958	---	20.7 ON MAR 2	0 ON JUL 18 *	26 400	1958
1959	---	96.3E ON MAR 21 *	0 ON JUN 19	98 900	1959
1960	---	79.0B ON APR 1	0 B ON MAR 9	84 400	1960
1961	---	45.9 ON FEB 26	0 B ON JAN 21	31 100	1961
1962	---	51.5E ON NOV 11	---	---	1962
1963	---	45.3B ON MAR 18	0 ON JUL 7	40 100	1963
1964	---	31.4 ON MAR 15	0 ON JUN 23	48 000	1964
1965	---	58.8B ON FEB 11	0 ON JUN 28	69 500	1965
1966	---	33.4B ON FEB 12	0 ON JUL 9	53 500	1966
1967	---	33.4 ON DEC 22	0 ON JUN 26	55 800	1967
1968	---	45.3B ON FEB 3	0 B ON JAN 15	67 600	1968
1969	58.4 AT 17:00 EST ON JAN 31	52.7 ON JAN 31	0 ON AUG 18	85 600	1969
1970	28.4 AT 18:46 EST ON DEC 4	24.5 ON APR 3	0.005B ON JAN 26	48 800	1970
1971	---	48.1B ON FEB 28	0 ON JUL 15	43 600	1971
1972	31.1 AT 01:05 EST ON DEC 7	27.1 ON APR 17	0.023B ON FEB 13	110 000	1972
1973	53.2 AT 10:31 EST ON DEC 26	51.0 ON DEC 26	0.093 ON JUN 21	96 300	1973
1974	46.2 AT 05:52 EST ON FEB 23	41.6 ON FEB 23	0.027 ON JUL 17	87 500	1974
1975	---	35.4B ON FEB 25	0.014 ON JUL 7	53 200	1975
1976	57.4 AT 02:30 EST ON MAR 6	51.7 ON MAR 6	0.022 ON JUN 14	97 400	1976
1977	47.9 AT 08:02 EST ON DEC 18	47.0 ON DEC 16	0.011 ON MAY 30	104 000	1977
1978	---	48.1B ON MAR 22	0.031 ON JUN 6	74 600	1978
1979	53.6 AT 01:46 EST ON DEC 26	49.3 ON DEC 26	0.039 ON JUL 24	84 300	1979
1980	48.9 AT 00:33 EST ON MAR 22	43.6 ON MAR 22	0.018 ON JUL 21	51 400	1980
1981	36.9 AT 23:30 EST ON FEB 17	33.0B ON FEB 18	0.020 ON JUL 18	77 600	1981
1982	42.8 AT 00:16 EST ON DEC 26	40.0B ON MAR 15	0.034 ON MAY 22	103 000	1982
1983	36.4 AT 06:15 EST ON DEC 13	36.5 ON DEC 13	0.067 ON JUL 14	87 600	1983
1984	74.4 AT 14:30 EST ON FEB 14 *	73.5A ON FEB 14	0.071 ON AUG 21	115 000	1984
				71 700	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WELLAND RIVER NEAR MOUNT HOPE - STATION NO. 02HA015

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	---	---	0.055	0.073	0.053	0.007	0	0	0	0.002	0.003	0.006	---	1980
1981	0.001R	0.044R	0.007R	0.017R	0.003R	0.001R	0.003R	0.045R	0.074R	0.020R	0.014R	0.008R	0.018R	1981
1982	0.009	0.004	0.124	0.036	0.002	0.016	0	0.002	0.004	0.002	0.023	0.050	0.023	1982
1983	0.006	0.022	0.038	0.036	0.026	0.007	0.008	0.012	0.002	0.007	0.020	0.038	0.018	1983
1984	0.004	0.087	0.058	0.071	0.018	0.101	0.002	0.001	0.036	0.002	0.018	0.025	0.035	1984
MEAN	0.005R	0.038R	0.058R	0.047R	0.021R	0.026R	0.003R	0.012R	0.023R	0.007R	0.016R	0.025R	0.024	MEAN

LOCATION - LAT 43 10 14 N, LONG 79 56 51 W
DRAINAGE AREA, 2.08 km^2
NATURAL FLOW

R - REVISED SINCE JAN 1980

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE.

WELLAND RIVER NEAR MOUNT HOPE - STATION NO. 02HA015

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	0.789 AT 14:30 EST ON MAR 21	0.422 ON MAR 21	0 ON JUN 14 *	---	1980
1981	8.01 R AT 18:00 EST ON AUG 13	0.763R ON AUG 13	0R ON MAY 22	613R	1981
1982	2.57 AT 15:21 EST ON MAR 13	0.972 ON MAR 13	0 ON JAN 13	725	1982
1983	0.889 AT 14:09 EST ON DEC 6	0.380 ON DEC 6	0B ON JAN 17	583	1983
1984	7.67 AT 15:39 EST ON JUN 18 *	2.15 ON JUN 18 *	0 ON JUL 21	1 100	1984
				765R	MEAN

B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

WEST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB018

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1978	0.388	0.317	6.86	3.07	0.581	0.178	0.080	0.412	1.86	1.07	1.89	3.18	1.68	1978
1980	0.610	0.086	3.57	2.84	0.750	0.131	0.084	0.102	1.16	1.19	1.59	2.02	1.18	1980
1981	0.187	7.99	1.15	1.51	1.22	2.13	0.297	1.85	1.04	1.88	2.08	0.471	1.76	1981
1982	0.359	0.182	3.55	5.34	0.535	0.215	0.055	0.180	0.122	0.188	1.17	2.74	1.22	1982
1983	1.28	1.67	4.14	3.84	2.64	0.336	0.088	0.021	0.028	0.188	2.27	3.18	1.61	1983
1984	---	---	---	8.73	1.20	---	---	---	---	---	---	---	---	1984
MEAN	0.581	2.04	3.87	3.89	1.14	0.598	0.121	0.469	0.868	0.897	1.80	2.32	1.48	MEAN

LOCATION - LAT 45 22 33 N, LONG 74 56 51 W
DRAINAGE AREA, 99.5 km^2
NATURAL FLOW

WEST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB018

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1978	---	35.08 ON MAR 25	0.011 ON JUL 25	53 100	1978
1980	---	27.38 ON MAR 22	0.028 ON JUL 14	37 300	1980
1981	---	36.58 ON FEB 21	0.034 ON AUG 3	55 000	1981
1982	---	42.08 ON APR 1 *	0.003 ON AUG 22	38 500	1982
1983	21.3 AT 03:51 EST ON MAY 3	15.08 ON MAR 19	0.001 ON SEP 2 *	80 900	1983
1984	31.4 AT 20:47 EST ON APR 5 *	24.5 ON APR 5	---	---	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		47 000	MEAN

WEST DUFFINS CREEK ABOVE GREEN RIVER - STATION NO. 02HC038

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	1.02	0.948	0.612	0.452	0.282	0.301	0.347	0.432	0.380	---	1974
1975	0.484	0.970	0.827	1.03	0.493	0.312	0.218	0.235	0.253	0.301	0.384	0.411	0.496	1975
1976	0.389	0.782	1.67	0.834	0.650	0.341	0.473	0.323	0.352	0.382	0.357	0.262	0.582	1976
1977	0.228	0.251	1.52	0.673	0.318	0.283	0.318	0.334	0.618	0.708	0.945	0.913	0.594	1977
1978	1.04	0.235	0.780	2.32	0.956	0.348	0.281	0.350	0.416	0.480	0.485	0.438	0.675	1978
1979	0.505	0.321	2.48	1.23	0.558	0.340	0.298	0.324	0.322	0.491	0.634	0.894	0.701	1979
1980	0.877	0.245	1.82	1.39	0.474	0.400	0.440	0.303	0.383	0.514	0.485	0.675	0.853	1980
1981	0.281	1.88	0.529	0.549	0.510	0.386	0.288	0.594	0.582	0.805	0.729	0.458	0.620	1981
1982	0.380	0.277	1.73	1.45	0.388	0.688	0.428	0.315	0.386	0.415	0.880	0.943	0.687	1982
1983	0.550	1.03	0.911	1.05	---	---	---	---	---	---	---	---	---	1983
MEAN	0.502	0.883	1.40	1.15	0.589	0.385	0.352	0.340	0.397	0.492	0.586	0.597	0.628	MEAN

LOCATION - LAT 43 54 54 N DRAINAGE AREA, 52.0 km^2
LONG 79 10 47 W REGULATED

WEST DUFFINS CREEK ABOVE GREEN RIVER - STATION NO. 02HC038

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	9.918 ON FEB 24	0.144 ON AUG 21	15 800	1975
1976	11.9 AT 03:43 EST ON MAR 21	8.61 ON MAR 21	0.1818 ON DEC 13	16 400	1976
1977	12.0 AT 06:37 EST ON MAR 13	8.01 ON MAR 13	0.158 ON JUL 24	16 700	1977
1978	11.6 AT 16:27 EST ON MAY 14	8.61 ON APR 7	0.2078 ON MAR 13	21 300	1978
1979	11.2 AT 08:00 EST ON MAR 14	8.93 ON MAR 14	0.211 ON JUL 24	22 100	1979
1980	24.3 AT 13:37 EST ON MAR 21 *	17.2 ON MAR 21 *	0.1158 ON MAR 16 *	20 800	1980
1981	7.87 AT 23:55 EST ON AUG 4	8.378 ON FEB 21	0.217 ON JUL 16	19 800	1981
1982	17.2 AT 16:35 EST ON MAR 31	9.72 ON MAR 31	0.238 ON AUG 16	21 700	1982
1983	---	7.308 ON FEB 3	---	---	1983
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		19 800	MEAN

WEST DUFFINS CREEK AT GREEN RIVER - STATION NO. 02HC026

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1963	---	---	---	---	---	---	---	---	---	0.282	0.428	0.378	---	1963
1964	0.598	0.462	1.18	0.985	0.408	0.247	0.842	0.501	0.248	0.324	0.419	0.795	0.585	1964
1965	0.416	2.18	1.48	3.07	0.521	0.193	0.370	0.288	0.290	0.883	1.57	1.18	1.00	1965
1966	0.504	0.768	1.71	1.02	0.741	0.409	0.139	0.210	0.279	0.290	0.755	1.08	0.856	1966
1967	0.674	0.782	2.20	1.93	0.612	0.874	0.854	0.833	0.567	1.14	1.58	1.88	1.15	1967
1968	0.988	1.17	4.84	1.24	0.788	---	---	---	---	---	---	---	---	1968
1970	0.410	0.438	1.42	2.34	0.852	0.358	0.534	0.328	0.413	0.482	0.889	0.905	0.784	1970
1971	0.432	0.787	1.84	4.38	0.551	0.240	0.309	0.423	0.567	0.588	0.515	1.32	0.892	1971
1972	0.984	0.525	2.05	7.94	0.580	0.398	0.400	0.375	0.384	0.570	0.641	0.721	1.29	1972
1973	1.13	0.884	5.08	2.11	0.881	0.533	0.343	0.503	0.348	0.513	1.09	0.811	1.18	1973
1974	0.824	0.870	2.22	1.98	2.03	0.712	0.789	0.388	0.444	0.811	0.761	0.858	1.00	1974
1975	0.651	1.84	1.78	2.04	0.918	0.502	0.335	0.385	0.388	0.448	0.588	0.707	0.884	1975
1976	0.845	1.78	4.01	1.61	1.08	0.553	0.849	0.662	0.884	0.841	0.584	0.481	1.12	1976
1977	0.378	0.473	2.78	1.27	0.480	0.410	0.688	0.528	1.84	1.41	2.04	1.88	1.17	1977
1978	2.31	0.881	2.21	4.18	1.54	0.844	0.353	0.534	0.886	0.888	0.717	0.888	1.28	1978
1979	0.718	0.515	5.08	1.98	0.922	0.522	0.443	0.520	0.492	0.812	1.18	1.73	1.28	1979
1980	0.988	0.385	3.48	3.08	0.675	0.518	0.881	0.418	0.538	0.810	0.733	1.18	1.12	1980
1981	0.411	4.04	0.810	0.982	0.984	0.880	0.450	1.28	1.08	1.50	1.24	0.702	1.18	1981
1982	0.848	0.457	3.82	3.27	0.727	1.37	0.898	0.808	0.628	0.787	1.82	2.00	1.42	1982
1983	0.998	1.88	1.73	2.10	1.78	0.675	0.410	0.520	0.813	0.728	1.33	1.08	1.13	1983
1984	0.877	3.77	3.07	2.48	1.48	0.838	0.505	0.353	0.894	0.887	1.21	1.31	1.38	1984
MEAN	0.789	1.18	2.83	2.50	0.938	0.648	0.531	0.504	0.582	0.891	0.984	1.08	1.08	MEAN

LOCATION - LAT 43 54 08 N DRAINAGE AREA, 98.1 km^2
LONG 79 11 05 W REGULATED

WEST DUFFINS CREEK AT GREEN RIVER - STATION NO. 02HC026

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1963	---	---	---	---	1963
1964	---	7.85 ON JUL 13	0.178 ON AUG 9	17 800	1964
1965	---	24.1 B ON FEB 10	0.102 ON JUN 14	31 700	1965
1966	---	7.65 ON MAR 5	0.048 ON JUL 15	20 700	1966
1967	---	11.8 B ON MAR 27	0.1228 ON FEB 13	36 200	1967
1968	---	---	---	---	1968
1970	---	5.32 ON APR 20	0.150 ON OCT 11	24 100	1970
1971	---	25.1 ON APR 2	0 ON JUL 12 *	31 300	1971
1972	---	51.3 ON APR 13 *	0.314 ON SEP 18	40 800	1972
1973	---	31.1 ON MAR 11	0.248 ON JUL 23	37 300	1973
1974	---	17.0 B ON MAR 5	0.2668 ON JAN 18	31 500	1974
1975	33.7 AT 21:32 EST ON FEB 24	18.5 ON FEB 24	0.218 ON AUG 21	27 900	1975
1976	26.5 AT 04:55 EST ON MAR 21	20.5 ON MAR 21	0.3658 ON DEC 31	35 300	1976
1977	15.5 AT 12:18 EST ON DEC 1	14.7 E ON MAR 13	0.221 ON JUL 25	36 800	1977
1978	25.8E AT 03:44 EST ON APR 7	19.1 E ON APR 7	0.292 ON JUL 18	40 200	1978
1979	41.4 AT 08:30 EST ON MAR 14	22.9 ON MAR 14	0.308 ON JUL 23	39 500	1979
1980	---	26.8 B ON MAR 21	0.284 ON JUL 15	35 400	1980
1981	---	19.0 B ON FEB 20	0.282 ON JUL 14	36 700	1981
1982	58.8 AT 16:46 EST ON MAR 31 *	29.0 ON MAR 31	0.333 ON SEP 10	45 200	1982
1983	14.2 AT 11:41 EST ON APR 10	11.8 B ON FEB 3	0.2408 ON DEC 7	35 600	1983
1984	---	43.5 E ON FEB 14	0.182 ON AUG 17	43 500	1984
				34 100	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST DUFFINS CREEK NEAR ALTONA - STATION NO. 02HC041

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	---	0.248	0.152	0.188	0.201	0.275	0.221	---	1974
1975	0.277	0.446	0.446	0.532	0.282	0.189	0.150	0.175	0.152	0.180	0.232	0.227	0.274	1975
1976	0.197	0.337	0.724	0.447	0.352	0.200	0.292	0.198	0.215	0.226	0.224	0.154	0.287	1976
1977	0.129	0.147	0.617	0.327	0.184	0.177	0.196	0.214	0.291	0.311	0.391	0.383	0.282	1977
1978	0.488	0.188	0.305	0.817	0.454	0.178	0.142	0.212	0.268	0.271	0.280	0.215	0.315	1978
1979	0.207	0.131	1.04	0.516	0.330	0.221	0.178	0.208	0.210	0.295	0.326	0.363	0.337	1979
1980	0.270	0.070	0.687	0.642	0.277	0.264	0.270	0.197	0.242	0.300	0.285	0.259	0.314	1980
1981	0.119	1.24	0.330	0.332	0.312	0.235	0.185	0.321	0.294	0.351	0.321	0.221	0.349	1981
1982	0.209	0.178	0.619	0.695	---	---	---	---	---	---	---	---	---	1982
MEAN	0.235	0.342	0.584	0.538	0.313	0.211	0.208	0.210	0.230	0.267	0.289	0.255	0.310	MEAN

LOCATION - LAT 43 57 31 N LONG 79 11 20 W
DRAINAGE AREA, 21.7 km^2
REGULATED

WEST DUFFINS CREEK NEAR ALTONA - STATION NO. 02HC041

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	---	---	1974
1975	---	3.968 ON FEB 24	0.071 ON SEP 15	8 830	1975
1976	4.50 AT 03:58 EST ON MAR 21	3.34 ON MAR 21	0.0628 ON DEC 13	9 410	1976
1977	5.13 AT 09:38 EST ON MAR 13 *	3.79 ON MAR 13	0.076 ON JUL 24	8 680	1977
1978	4.38 AT 15:40 EST ON MAY 14	2.67 ON APR 7	0.122 ON JUL 28	9 930	1978
1979	---	2.10E ON MAR 25	0.0658 ON FEB 11	10 600	1979
1980	---	5.288 ON MAR 21 *	0.0508 ON MAR 16 *	9 940	1980
1981	---	4.058 ON FEB 20	0.1078 ON JAN 22	11 000	1981
1982	---	2.83 ON MAR 31	---	---	1982
				9 770	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST DUFFINS CREEK NEAR PICKERING - STATION NO. 02HC108

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	---	---	---	2.20	0.938	0.942	0.444	0.384	0.583	0.747	0.624	---	1974
1975	---	---	---	---	---	0.855	0.408	0.478	0.445	0.527	0.625	1.17	---	1975
1976	1.05	2.89	4.82	1.50	1.57	0.588	0.788	0.708	0.808	0.588	0.728	0.678	1.35	1976
1977	0.384	0.885	8.12	1.64	0.873	0.443	0.511	0.711	1.27	1.38	2.84	---	---	1977
MEAN	0.717	1.64	5.32	1.57	1.48	0.881	0.881	0.588	0.878	0.780	1.18	0.824	1.35	MEAN

LOCATION - LAT 43 51 00 N LONG 79 05 12 W
DRAINAGE AREA, 136 km^2
NATURAL FLOW
DATA CONTRIBUTED BY - ONTARIO MINISTRY OF THE ENVIRONMENT

WEST DUFFINS CREEK NEAR PICKERING - STATION NO. 02HC106

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	---	0.201 ON SEP 7 *	---	1974
1975	---	---	0.289 ON AUG 2	---	1975
1976	---	34.0 ON MAR 21	0.2218 ON DEC 31	42 800	1976
1977	---	47.3A ON MAR 13 *	0.286 ON JUL 27	---	1977
				42 800	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST HUMBER RIVER AT HIGHWAY NO. 7 - STATION NO. 02HC031

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	0.172	0.779	1.10	---	1965
1966	0.333	1.28	3.06	0.439	0.218	0.084	0	0	0.005	0.015	0.095	0.802	0.505	1966
1967	0.612	0.227	3.84	2.28	0.230	2.53	1.22	0.080	0.033	0.281	0.827	1.63	1.12	1967
1968	0.116	1.75	5.27	0.514	0.429	0.083	0.015	0.122	0.104	0.101	1.46	0.578	0.877	1968
1969	0.954	0.780	5.75	3.14	1.07	0.058	0.033	0.023	0.001	0.025	0.175	0.078	1.01	1969
1970	0.090	0.135	3.18	2.48	0.286	0.031	0.043	0.019	0.081	0.088	0.223	0.411	0.580	1970
1975	---	---	---	1.55	0.454	0.054	0.006	0.012	0.019	0.059	0.118	0.120	---	1975
1976	0.094	5.10	4.12	1.05	0.817	0.098	0.202	0.182	0.188	0.275	0.114	0.079	1.01	1976
1977	0.054	0.381	2.48	0.411	0.091	0.061	0.207	0.151	0.656	1.78	1.50	2.11	0.828	1977
1978	0.271	0.243	4.18	5.12	2.06	0.130	0.025	0.113	0.311	0.241	0.242	0.268	1.10	1978
1979	0.687	0.208	6.86	3.53	0.902	0.158	0.033	0.088	0.051	0.258	1.12	2.13	1.34	1979
1980	0.827	0.102	1.98	3.31	0.842	0.486	0.502	0.077	0.112	0.252	0.208	0.439	0.760	1980
1981	0.118	3.30	0.587	0.820	0.345	0.093	0.170	0.052	0.352	1.32	1.78	0.811	0.775	1981
1982	0.682	0.148	8.22	2.88	0.188	2.23	0.158	0.281	0.275	0.314	2.80	4.02	1.84	1982
1983	1.13	1.83	2.80	2.94	1.25	0.140	0.013	0.058	0.047	0.291	0.802R	0.981R	0.999R	1983
1984	0.138	8.03	5.27	2.83	0.577	0.154	0.042	0.040	0.230	0.110	0.572	1.52	1.42	1984
MEAN	0.435	1.53	4.09	2.19	0.649	0.423	0.178	0.082	0.162	0.349	0.777R	1.05 R	1.01	MEAN

LOCATION - LAT 43 45 30 N LONG 79 40 41 W
DRAINAGE AREA, 148 km^2 NATURAL FLOW
R - REVISED SINCE JAN 1980

REMARKS - STATION DISCONTINUED DEC 31 1970 FOR BRIDGE CONSTRUCTION. REACTIVATED MAR 1975

WEST HUMBER RIVER AT HIGHWAY NO. 7 - STATION NO. 02HC031

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	32.8 AT 18:30 EST ON MAR 13	17.0B ON FEB 11	0 ON JUL 2 *	15 900	1966
1967	80.4 AT 20:00 EST ON JUN 10 *	21.0 ON JUN 10	0.003 ON SEP 17	35 300	1967
1968	40.5 AT 01:00 EST ON NOV 29	20.0B ON FEB 2	0 ON JUL 17	27 700	1968
1969	51.3 AT 00:55 EST ON MAR 21	27.9 ON MAR 21	0 ON JUL 15	31 900	1969
1970	24.8 AT 20:08 EST ON APR 3	11.0 ON APR 4	0 ON AUG 10	18 800	1970
1975	29.7 AT 19:20 EST ON MAR 19	14.0 ON MAR 19	0.002 ON JUL 17	---	1975
1976	28.8 AT 13:09 EST ON MAR 20	22.4 ON FEB 21	0.024 ON AUG 21	31 800	1976
1977	---	17.0E ON MAR 5	0.008 ON JUN 14	28 000	1977
1978	---	29.7E ON APR 1	0.011E ON JUL 15	34 800	1978
1979	32.3 AT 05:58 EST ON APR 14	23.8E ON MAR 15	0.008E ON JUL 20	42 400	1979
1980	40.5 AT 22:55 EST ON APR 14	21.7 ON MAR 21	0.031 ON AUG 8	24 000	1980
1981	26.3 AT 17:00 EST ON FEB 18	21.1 ON FEB 18	0.023 ON AUG 27	24 500	1981
1982	---	29.5E ON MAR 31	0.038 ON JUL 28	38 000	1982
1983	30.3R AT 11:21 EST ON APR 10	15.1 ON APR 10	0 ON JUL 28	31 500R	1983
1984	---	35.0B ON FEB 14 *	0.005 ON AUG 7	45 000	1984
				32 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

WEST NUMBER RIVER BELOW CLAIREVILLE DAM - STATION NO. 02HC034

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	---	---	1.42	---	1965
1966	0.760	1.24	4.23	0.537	0.318	0.083	0.123	0.073	0.054	0.021	0.058	0.872	0.698	1966
1967	0.720	0.301	4.09	3.30	0.258	3.05	1.88	0.080	0.071	0.340	0.909	2.27	1.42	1967
1968	0.149	2.28	7.75	0.852	0.808	0.081	0.024	0.021	0.235	0.078	1.58	1.20	1.22	1968
1969	1.08	0.750	7.38	4.14	1.62	0.081	0	0	0.010	0.014	0.151	0.088	1.27	1969
1970	0.077	0.148	4.06	2.89	0.444	0.030	0.039	0.018	0.095	0.249	0.275	0.743	0.760	1970
1971	0.214	0.367	3.48	4.84	0.143	0.021	0.088	0.072	0.057	0.183	0.080	0.428	0.840	1971
1972	0.523	0.144	1.45	11.3	0.270	0.214	0.223	0.021	0.034	0.302	0.778	1.17	1.35	1972
1973	2.82	1.80	8.49	2.81	1.04	0.218	0.079	0.085	0.085	0.118	0.838	0.552	1.51	1973
1974	2.88	1.27	5.67	2.93	3.82	0.386	0.103	0.052	0.150	0.035	0.210	0.150	1.49	1974
1975	0.839	4.35	3.41	2.88	0.895	0.020	0.218	0.023	0.038	0.007	0.038	0.122	1.03	1975
1976	0.108	5.03	8.22	1.52	1.21	0.087	0.284	0.214	0.147	0.283	0.334	0.105	1.28	1976
1977	0.082	0.520	5.49	0.824	0.089	0.051	0.272	0.118	0.824	2.59	1.88	3.08	1.33	1977
1978	0.547	0.285	5.96	8.43	1.73	0.096	0.007	0.085	0.512	0.293	0.383	0.445	1.57	1978
1979	0.944	0.250	10.0	4.52	1.12	0.145	0.031	0.054	0.058	0.255	1.74	3.89	1.94	1979
1980	1.11	0.187	4.32	4.28	0.684	0.227	0.550	0.088	0.094	0.282	0.484	0.829	1.03	1980
1981	0.108	7.27	0.506	0.274	0.382	0.056	0.105	0.027	0.230	1.34	1.03	0.491	1.01	1981
1982	0.519	0.124	8.87	3.31	0.025	2.43	0.152	0.203	---	---	---	---	---	1982
MEAN	0.787	1.54	5.45	3.49	0.832	0.426	0.234	0.072	0.171	0.399	0.710	1.05	1.24	MEAN

LOCATION - LAT 43 44 16 N DRAINAGE AREA, 194 km²
LONG 79 37 46 W REGULATED SINCE 1964

WEST NUMBER RIVER BELOW CLAIREVILLE DAM - STATION NO. 02HC034

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1965	---	---	---	---	1965
1966	28.8 AT 20:00 EST ON MAR 5	21.8 ON MAR 5	0 ON JUN 26 *	22 000	1966
1967	66.6 AT 23:30 EST ON JUN 10	31.4 ON APR 3	0.008 ON JUN 5	45 100	1967
1968	42.5 AT 07:00 EST ON NOV 29	28.1 ON NOV 29	0.017 ON JUN 24	38 700	1968
1969	37.7 AT 07:38 EST ON MAR 21	32.3 ON MAR 21	0 ON JUN 19	40 100	1969
1970	22.9 AT 01:01 EST ON APR 4	15.7 ON APR 4	0.005 ON JUL 14	24 000	1970
1971	45.3 AT 03:59 EST ON APR 2	38.2 ON APR 2	0.001 ON JUN 23	28 500	1971
1972	58.0 AT 23:59 EST ON APR 11	45.9 ON APR 13	0 ON JUL 27	42 800	1972
1973	84.7 AT 21:50 EST ON MAR 11	30.9 ON MAR 12	0.002 ON NOV 12	47 700	1973
1974	71.9E ON MAY 17 *	52.4E ON MAY 17 *	0.003 ON MAY 2	46 900	1974
1975	56.3 AT 02:43 EST ON FEB 25	49.6 ON FEB 25	0.002 ON OCT 9	32 400	1975
1976	42.6 AT 22:58 EST ON MAR 20	38.6 ON MAR 21	0.002 ON SEP 15	40 500	1976
1977	40.5 AT 08:57 EST ON MAR 13	27.9 ON OCT 9	0.002 ON JUL 28	41 900	1977
1978	58.4 AT 23:37 EST ON APR 1	39.4 ON APR 1	0.002 ON JUL 2	49 400	1978
1979	83.8 AT 10:33 EST ON MAR 14	45.6 ON DEC 25	0 ON JUL 21	61 100	1979
1980	50.1 AT 22:00 EST ON MAR 21	32.4 ON MAR 21	0.004 ON SEP 12	34 600	1980
1981	54.2 AT 00:45 EST ON FEB 19	43.7 ON FEB 18	0 ON APR 10	31 900	1981
1982	---	---	0 ON MAY 6	---	1982
				39 100	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST NUMBER RIVER NEAR THISTLETOWN - STATION NO. 02HC008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	2.43	0.314	1.64	1.81	0.283	0.141	0.155	1.57	---	1956
1957	1.27	2.98	2.50	0.986	0.382	0.947	0.243	0.082	0.099	0.103	0.180	0.928	0.877	1957
1958	0.128	0.528	2.51	0.528	0.088	0.018	0.028	0.014	0.050	0.043	0.097	0.052	0.348	1958
1959	0.143	0.127	0.712	4.12	0.764	0.218	0.108	0.098	0.133	0.137	0.214	0.432	0.598	1959
1960	0.180	0.211	4.88	7.38	5.89	0.352	0.275	0.088	0.012	0.028	0.048	0.075	1.82	1960
1961	0.005	1.48	2.54	2.69	0.811	0.184	0.322	0.077	0.088	0.054	0.098	0.101	0.885	1961
1962	0.057	0.036	5.59	0.528	0.052	0.012	0.057	0.038	0.088	0.278	2.63	1.19	0.886	1962
1963	0.085	0.028	2.45	0.888	0.788	0.148	0.050	0.053	0.044	0.033	0.110	0.042	0.380	1963
1964	0.488	0.080	3.22	1.43	0.401	0.040	0.013	0.017	0.007	0.016	0.030	0.153	0.493	1964
1965	0.278	3.93	3.42	5.11	0.387	0.088	0.078	0.043	0.035	---	---	---	---	1965
MEAN	0.288	1.06	2.97	2.81	1.21	0.230	0.282	0.230	0.080	0.093	0.398	0.505	0.737	MEAN

LOCATION - LAT 43 43 50 N DRAINAGE AREA, 205 km²
LONG 79 33 15 W REGULATED

WEST HUMBER RIVER NEAR THISTLETOWN - STATION NO 02HC008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1956	---	---	---	---	1956
1957	---	27.6 E ON FEB 28	0.028 ON AUG 12	27 700	1957
1958	---	5.89 ON MAR 23	0 ON JUN 16 *	11 000	1958
1959	---	21.0 ON APR 1	0.031 ON OCT 22	18 900	1959
1960	---	63.7 E ON MAR 31 *	0.008E ON SEP 8	51 200	1960
1961	---	11.9 E ON MAR 25	0 B ON JAN 7	21 900	1961
1962	---	25.8 ON NOV 10	0.008 ON AUG 23	28 000	1962
1963	---	11.8 ON MAR 27	0.023 ON SEP 11	12 000	1963
1964	---	12.5 ON MAR 15	0.003 ON SEP 30	15 800	1964
1965	---	59.5 B ON FEB 11	---	---	1965
				23 300	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WEST MONTREAL RIVER AT MISTINIKON LAKE DAM - STATION NO 02JD012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1946	14.0 R	11.7 R	22.1 R	32.7R	38.6R	30.1 R	15.9 R	8.92	11.3	9.27	7.12	20.5	18.4R	1946
1947	9.79	10.5	16.8	20.6	129	110	25.0	13.8	7.88	11.4	8.04	1.79R	30.5R	1947
1948	7.93	6.47	9.83	28.6	57.6	20.3	15.9	14.9	17.7	8.48	2.20	11.6	16.5	1948
1949	11.7	13.2	18.1	45.4	78.4	34.2	26.8	9.87	11.6	9.72	5.51	9.50	22.9	1949
1950	8.06	8.35	11.7	17.0	97.1	45.6	22.2	8.38	9.81	12.8	4.40	5.37	20.8	1950
1951	8.59	16.0	17.5	108	57.3	21.1	14.4	9.39	8.50	48.5	43.6	18.3	30.5	1951
1952	4.48	9.09	14.2	28.5	54.6	15.3	3.48	3.24	8.18	10.8	6.38	4.46	13.6	1952
1953	8.37	12.7	23.2	87.1	74.3	22.2	17.0	25.2	8.45	8.55	7.67	5.99	23.3	1953
1954	13.8	14.0	18.1	59.2	78.7	46.1	14.0	9.63	8.64	28.2	28.3	10.8	26.8	1954
1955	9.75	12.4	8.33	36.4	35.8	17.3	11.4	17.7	2.35	0.294	12.5	18.3	15.1	1955
1956	13.9	10.2	16.1	18.6	80.1	32.1	13.6	9.72	8.77	16.6	11.9	4.29	20.2	1956
1957	8.06	4.28	20.8	44.1	52.2	21.2	68.2	18.6	8.51	12.4	18.4	15.0	24.2	1957
1958	14.2	14.0	9.62	12.1	31.0	25.4	14.6	14.1	7.02	10.2	21.4	10.3	15.3	1958
1959	8.89	6.32	18.7	20.3	86.1	17.6	8.84	5.00	1.97	8.45	17.0	12.8	15.7	1959
1960	8.35	13.8	16.6	36.8	190	43.8	18.5	4.82	17.2	7.55	0.912	9.86	30.4	1960
1961	6.07	4.84	8.77	11.7	54.7	47.5	23.6	18.8	26.8	24.0	13.4	20.4	22.6	1961
1962	17.0	14.7	15.6	23.6	115	8.35	0	4.87	17.4	16.5	10.1	9.16	21.2	1962
1963	8.82	8.08	8.04	45.8	61.6	30.7	16.8	5.31	12.5	14.3	0.649	4.84	18.3	1963
1964	6.47	5.82	20.1	46.2	79.0	89.2	18.4	1.72	2.06	7.18	6.33	6.14	21.5	1964
1965	7.92	8.79	11.5	11.5	82.0	16.0	8.29	5.01	12.4	30.7	18.8	15.7	17.6	1965
1966	14.0	15.0	15.4	82.7	82.1	34.6	1.78	0	0	8.56	18.8	32.0	21.2	1966
1967	6.28	6.30	11.2	84.1	121	30.6	1.78	7.40	12.6	9.12	22.6	16.2	28.2	1967
1968	15.4	13.2	21.6	41.7	37.3	40.2	16.1	7.84	8.87	15.7	13.2	7.54	20.0	1968
1969	7.08	14.4	16.8	28.3	87.1	23.7	11.2	8.02	6.05	7.90	23.8	15.8	18.3	1969
1970	12.8	13.2	15.3	15.9	84.6	51.4	30.6	13.2	8.88	14.6	10.5	13.8	22.2	1970
1971	10.2	14.0	18.4	50.2	77.4	28.3	9.03	9.88	4.45	8.82	8.71	15.4	21.3	1971
1972	13.4	14.6	16.8	14.4	72.9	25.4	14.0	18.2	18.2	14.3	11.0	10.4	20.0	1972
1973	8.58	10.2	18.0	33.1	70.7	42.5	22.2	14.6	14.6	17.7	19.9	15.2	24.0	1973
1974	11.3	12.1	16.6	26.1	103	34.9	16.1	10.4	3.26	14.6	14.8	10.7	23.0	1974
1975	10.6	10.4	14.8	19.2	89.2	50.0	7.20	1.78	2.41	4.08	3.74	7.52	18.8	1975
1976	10.7	12.8	15.4	83.7	70.6	18.3	7.83	5.50	7.08	18.7	9.85	8.20	23.1	1976
1977	10.4	8.41	14.8	85.2	43.4	10.5	6.01	3.82	7.48	10.2	12.8	12.2	17.1	1977
1978	11.0	15.2	17.0	17.8	77.2	30.2	11.8	8.91	10.9	17.0	10.5	10.7	18.9	1978
1979	13.0	11.5	19.6	72.7	153	43.3	16.0	8.21	8.14	11.9	20.2	18.9	33.0	1979
1980	7.71	5.88	8.85	27.3	87.4	18.2	6.98	7.18	8.88	18.9	13.5	15.2	18.7	1980
1981	12.8	9.41	14.5	59.7	32.7	33.0	18.7	7.18	7.14	13.5	13.8	13.8	18.5	1981
1982	13.6	12.1	12.4	24.1	45.3	16.2	9.28	5.88	8.84	18.0	17.7	17.1	16.8	1982
1983	14.7	15.8	17.5	18.6	80.0	48.4	12.8	12.8	9.85	16.5	14.8	18.3	23.2	1983
1984	14.8	16.2	17.4	36.2	37.8	36.6	36.7	18.3	9.52	14.0	21.8	21.8	23.3	1984
MEAN	10.6 R	11.2 R	15.6 R	37.7R	72.8R	32.7 R	15.6 R	9.32	9.18	13.9	13.8	12.7 R	21.3	MEAN

LOCATION - LAT 48 02 25 N, LONG 80 42 14 W
DRAINAGE AREA, 1 780 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO
R - REVISED SINCE JAN 1980

WEST MONTREAL RIVER AT MISTINIKON LAKE DAM - STATION NO. 02JD012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1946	---	74.8 ON MAY 31	0 ON NOV 8 *	580 000R	1946
1947	---	154 ON MAY 19	0 ON SEP 27	980 000R	1947
1948	---	85.0 ON APR 27	0 ON OCT 17	523 000	1948
1949	---	117 ON APR 28	0 ON NOV 25	722 000	1949
1950	---	148 ON MAY 14	0 ON NOV 17	857 000	1950
1951	---	194 ON APR 19	1.25 ON AUG 2	962 000	1951
1952	---	85.1 ON APR 27	0 ON JUL 9	429 000	1952
1953	---	103 ON MAY 8	0 ON SEP 17	734 000	1953
1954	---	144 ON APR 30	0 ON OCT 5	844 000	1954
1955	---	83.8 ON APR 21	0 ON JUL 7	475 000	1955
1956	---	139 ON MAY 20	0 ON SEP 5	840 000	1956
1957	---	173 ON APR 28	0 ON SEP 5	782 000	1957
1958	---	38.5 ON MAY 3	0 ON APR 18	484 000	1958
1959	---	99.1 ON MAY 8	0 ON JUL 10	498 000	1959
1960	---	289 ON MAY 13	0 ON AUG 24	953 000	1960
1961	---	72.8 ON MAY 9	0.793 ON APR 21	721 000	1961
1962	---	197 ON MAY 7	0 ON JUN 27	669 000	1962
1963	---	113 ON MAY 3	0 ON AUG 24	576 000	1963
1964	---	154 ON MAY 3	0.170 ON SEP 17	878 000	1964
1965	---	87.2 ON MAY 3	0 ON SEP 8	554 000	1965
1966	---	167 ON APR 30	0 ON JUL 23	870 000	1966
1967	---	297 ON MAY 5 *	0 ON JUL 6	825 000	1967
1968	---	78.7 ON JUN 15	1.95 ON DEC 5	631 000	1968
1969	---	94.0 ON APR 29	0 ON JAN 17	576 000	1969
1970	---	88.9 ON MAY 20	2.55 ON NOV 19	700 000	1970
1971	---	144 ON MAY 3	1.38 ON SEP 15	870 000	1971
1972	---	137 ON MAY 11	7.14 ON DEC 30	634 000	1972
1973	---	102 ON MAY 5	8.43 ON JAN 23	758 000	1973
1974	---	158 ON MAY 6	0 ON SEP 19	726 000	1974
1975	---	135 ON MAY 11	0 ON JUL 12	529 000	1975
1976	---	199 ON APR 22	0 ON APR 18	732 000	1976
1977	---	175 ON APR 24	0 ON APR 15	538 000	1977
1978	---	129 ON MAY 17	0 ON MAY 24	628 000	1978
1979	---	257 ON MAY 4	1.19 ON SEP 11	1 040 000	1979
1980	---	114 ON APR 30	0 ON APR 19	529 000	1980
1981	---	93.5 ON APR 15	0.200 ON APR 7	815 000	1981
1982	---	90.2 ON MAY 3	3.60 ON AUG 15	530 000	1982
1983	---	112 ON MAY 9	2.80 ON APR 29	731 000	1983
1984	---	83.6 ON APR 29	7.80 ON SEP 24	737 000	1984
				872 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

WHITE RIVER AT BERTRAND - STATION NO. 02BC002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	108	54.6	19.1	8.91	5.41	5.37	8.49	12.4 R	---	1953
1954	8.98R	7.88R	8.26R	28.5R	111	38.0	11.8	5.79	4.05	9.43	12.8	9.81	21.4R	1954
1955	8.00	7.05	6.77	50.3	48.0	29.5	9.04	3.80	2.91	15.8	22.3	15.2	19.2	1955
1956	11.8	9.21	7.24	22.8	84.0	46.3	25.6	8.98	10.6 R	15.7	14.6	13.4	22.9R	1956
1957	9.82	7.85	7.27	46.7	81.1	33.1	30.4	8.41	13.3	11.6	19.7	15.1	24.3	1957
1958	12.4	8.11	6.80	50.3	44.8	49.2	---	---	---	---	32.6	22.5	---	1958
1959	14.0	9.00	7.85	15.7	102	49.3	13.3	11.7	41.8	54.5	41.2 R	21.8 R	32.2R	1959
1960	15.3 R	13.4 R	9.33R	34.6R	117	37.8	---	---	---	---	---	---	---	1960
MEAN	11.5 R	8.93R	7.57R	37.4R	87.0	42.6	18.4	7.80	13.0 R	18.8	21.4 R	15.5 R	24.0	MEAN

LOCATION - LAT 48 40 00 N DRAINAGE AREA, 2 400 km^2
LONG 85 42 00 W REGULATED

R - REVISED SINCE JAN 1980

WHITE RIVER AT BERTRAND - STATION NO. 02BC002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	144 ON MAY 8	4.08 ON NOV 1	---	1953
1954	---	188 ON MAY 4	3.62 ON SEP 4	876 000R	1954
1955	---	123 ON APR 22	2.24 ON SEP 15 *	804 000	1955
1956	---	181 ON MAY 17	5.23 ON AUG 30	726 000R	1956
1957	---	214 ON APR 28 *	5.24 ON AUG 30	785 000	1957
1958	---	132 ON APR 28	---	---	1958
1959	---	194 ON MAY 9	6.00 ON AUG 17	1 020 000R	1959
1960	---	151 ON MAY 7	---	---	1960
				758 000R	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

WHITE RIVER AT REGAN - STATION NO. 02EC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1949	44.9	29.9	20.3	38.5	160	73.1	62.7	24.0	12.4	82.1	80.3	36.1	53.9	1949
1950	25.7	20.4	19.4R	22.7	176	208	102	46.6	11.9	28.9	---	---	---	1950
1951	20.8R	17.1R	15.6R	50.7	241	87.5R	82.6R	28.1	12.4 R	85.3	86.3	53.4	63.0R	1951
1952	30.5	20.4	15.8	40.1	102	101	39.8	41.1	14.1	20.7R	38.0	33.2R	41.4R	1952
1953	25.8R	21.0R	---	45.3	208	147 R	39.1R	19.9 R	28.4 R	15.8R	---	28.4	---	1953
1954	20.4	16.0	15.7	27.6	201	60.5	23.1	26.0	17.3	15.7	47.0	28.4	41.8	1954
1955	18.3	14.4	13.4	56.7	88.9	51.7	56.2	5.19	5.57	---	---	---	---	1955
MEAN	26.6R	19.9R	16.7R	41.7	168	104 R	57.9R	27.3 R	14.6 R	34.9R	57.9	35.9R	50.0	MEAN

LOCATION - LAT 48 42 00 N
LONG 85 38 00 W REGULATED

R - REVISED SINCE JAN 1980

WHITE RIVER AT REGAN - STATION NO. 02EC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1949	---	223 ON MAY 10	11.5 E ON AUG 20	1 700 000	1949
1950	---	228 ON MAY 26	9.15E ON AUG 27	---	1950
1951	---	382 ON MAY 9 *	9.15RE ON SEP 3	1 890 000R	1951
1952	---	183 ON JUN 8	12.8 E ON JUL 15	1 310 000R	1952
1953	---	---	---	---	1953
1954	---	249 ON MAY 18	13.5 E ON SEP 26	1 320 000	1954
1955	---	155E ON JUL 11	4.55E ON JUL 29 *	---	1955
				1 580 000R	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

WHITE RIVER BELOW WHITE LAKE - STATION NO. 02EC004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1959	---	---	---	---	---	---	---	---	---	92.7	92.5	44.8 R	---	1959
1960	29.9 R	22.2 R	17.2R	44.5R	238 R	112	33.4	14.1	1.71	8.85	36.5	29.2 R	49.3R	1960
1961	21.8 R	14.5 R	14.2R	42.7	188	92.9	56.1	5.25	3.43	120	80.0	61.7	57.1R	1961
1962	38.5	25.6	19.3	21.1	135	81.7	28.3	29.4	41.8	45.8	47.1	36.3 R	46.8R	1962
1963	26.6 R	20.7 R	16.9R	48.9R	159	186	59.1	24.9	10.4	20.8 R	32.5 R	23.4 R	50.9R	1963
1964	19.5 R	17.5 R	16.8R	45.1	248	113	84.8	39.9	38.3	85.2 R	58.7	41.7	66.0R	1964
1965	30.1	22.1 R	18.4R	24.9R	154	80.1	38.2	26.5	30.3	63.0	52.8	46.0	50.0R	1965
1966	32.4	25.3	24.8	45.0	209	152	20.3	27.3	35.2	43.8	80.3	50.5	80.8	1966
1967	24.9	25.2	19.4	96.3	208	99.4	20.6	12.1	17.1	23.4	24.0	19.6	50.1	1967
1968	15.0	12.2	11.1	62.9	74.7	79.2	138	86.6	68.1	80.5	80.4	47.4	83.4	1968
1969	32.7	26.0	19.9	53.6	166	89.1	43.9	17.8	14.8	19.7	20.8	21.1	42.2	1969
1970	17.1	14.0	11.6	14.6	141	76.5	32.8	17.3	28.3	50.8	51.2	47.6	42.2	1970
1971	29.7	21.2	18.5	41.6	151	132	39.7	19.9	11.8	68.1	88.3	72.7	57.1	1971
1972	39.3	25.8	21.0	20.9	178	88.1	37.7	37.0	58.5	82.1	46.6	32.2	52.4	1972
1973	24.0	19.2	22.3	77.3	188	82.7	76.8	40.4	52.0	57.7	42.7	38.4	80.4	1973
1974	28.3	21.5	18.8	26.8	166	107	47.1	27.9	50.0	107	93.1	64.0	64.2	1974
1975	31.2	23.4	19.2	21.4	142	83.2	39.3	17.9	18.5	13.8	24.7	38.0	37.8	1975
1976	26.8	18.7	15.7	120	173	50.0	13.3	9.38	25.2	10.8	8.77	8.07	39.8	1976
1977	8.34	8.70	14.4	87.3	109	45.8	32.3	7.72	86.2	91.9	86.6	36.9	48.7	1977
1978	23.4	18.0	14.2	---	---	---	46.1	31.0	21.6	19.8	25.1	21.4	---	1978
1979	17.8	14.8	15.3	37.8	313	168	49.9	14.9	48.1	73.3	134	86.5	79.6	1979
1980	36.3	24.3	18.6	34.5	181	85.9	22.3	18.2	22.6	85.8	52.8	32.8	48.1	1980
1981	21.7	17.0	16.6	87.3	151	78.0	37.4	14.8	10.5	18.0	25.2	26.9	40.5	1981
1982	24.4	14.9	10.8	18.9	177	71.4	84.4	53.5	28.9	89.4	122	31.7	65.9	1982
1983	49.6	30.4	25.9	32.9	176	117	42.0	13.4	10.9	54.0	60.6	41.6	54.7	1983
1984	27.0	20.2	17.5	45.0	131	104	88.1	42.0	23.4	24.1	40.4	45.6	50.8	1984
MEAN	27.5 R	20.1 R	17.6R	47.1R	173 R	95.7	48.6	26.0	30.1	53.0 R	58.0 R	41.4 R	53.3	MEAN

LOCATION - LAT 48 39 19 N DRAINAGE AREA, 4 170 km^2
LONG 85 44 32 W REGULATED

R - REVISED SINCE JAN 1980

WHITE RIVER BELOW WHITE LAKE - STATION NO. 02BC004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1959	---	131E ON NOV 4	35.7 RB ON DEC 31	---	1959
1960	297E AT 19:20 EST ON MAY 9	282E ON MAY 10	1.42 ON AUG 1	1 560 000R	1960
1961	242 AT 18:30 EST ON MAY 24	239 ON MAY 22	1.13 ON AUG 17 *	1 800 000R	1961
1962	173 AT 08:30 EST ON MAY 13	169 ON MAY 12	3.23 ON JUL 23	1 480 000R	1962
1963	245 AT 09:30 EST ON JUN 24	229 ON JUN 24	8.18 ON SEP 7	1 800 000R	1963
1964	305 AT 11:30 EST ON MAY 12	300 ON MAY 12	15.1 B ON APR 1	2 090 000R	1964
1965	186 AT 08:00 EST ON MAY 18	187 ON MAY 18	16.7 RB ON APR 5	1 580 000R	1965
1966	334 AT 10:45 EST ON MAY 27	331 ON MAY 25	1.87 ON OCT 1	1 910 000	1966
1967	234 AT 14:00 EST ON MAY 11	233 ON MAY 9	6.51 ON JUL 13	1 580 000	1967
1968	203 AT 13:00 EST ON JUL 24	201 ON JUL 24	10.0 ON MAR 16	2 000 000	1968
1969	202 AT 02:00 EST ON MAY 11	201 ON MAY 10	13.1 ON OCT 5	1 330 000	1969
1970	185 AT 13:55 EST ON MAY 8	182 ON MAY 8	9.97 ON APR 8	1 330 000	1970
1971	220 AT 12:43 EST ON MAY 30	219 ON MAY 30	5.97 ON SEP 18	1 800 000	1971
1972	226 AT 02:32 EST ON MAY 18	226 ON MAY 18	15.7 ON APR 15	1 660 000	1972
1973	251 AT 02:46 EST ON MAY 16	249 ON MAY 15	15.8 ON MAR 5	1 910 000	1973
1974	212 AT 13:12 EST ON MAY 18	210 ON MAY 17	17.0 ON APR 10	2 030 000	1974
1975	193 AT 02:00 EST ON MAY 13	192 ON MAY 13	11.0 ON OCT 21	1 190 000	1975
1976	317 AT 20:40 EST ON APR 27	317 ON APR 27	8.23 ON OCT 28	1 260 000	1976
1977	208 AT 18:07 EST ON APR 27	206 ON APR 27	2.97 ON AUG 15	1 540 000	1977
1978	---	---	---	---	1978
1979	425 AT 11:07 EST ON MAY 15 *	425 ON MAY 15 *	13.0 ON JUL 23	2 510 000	1979
1980	244 AT 11:46 EST ON MAY 8	243 ON MAY 8	14.7 ON SEP 4	1 520 000	1980
1981	199 AT 14:43 EST ON MAY 12	198 ON MAY 12	8.95 ON OCT 5	1 280 000	1981
1982	240 AT 05:11 EST ON MAY 14	239 ON MAY 13	10.8 ON MAR 10	2 080 000	1982
1983	197 AT 08:20 EST ON MAY 17	196 ON MAY 15	9.84 ON SEP 8	1 730 000	1983
1984	188 AT 16:29 EST ON MAY 11	185 ON MAY 11	15.6 ON APR 3	1 610 000	1984
				1 880 000R	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD
R - REVISED SINCE JAN 1980

WHITEFISH RIVER AT NOLALU - STATION NO. 02AB017

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1980	0.350	0.223	0.174	5.27	1.75	0.573	0.484	0.523	6.47	2.23	1.55	0.802	1.67	1980
1981	0.411	0.421	0.785	12.4	4.21	4.39	0.874	0.320	0.189	1.02	0.787	0.305	2.15	1981
1982	0.148	0.128	0.148	7.18	8.28	1.33	5.53	0.838	1.05	8.37	5.83	1.83	3.07	1982
1983	0.521	0.436	0.578	8.35	5.40	2.53	3.87	0.719	0.548	1.84	2.47	4.07	2.37	1983
1984	0.550	0.470	0.365	9.85	5.97	3.79	1.01	0.809	0.455	1.09	1.14	2.23	2.12	1984
MEAN	0.388	0.336	0.410	7.67	4.72	2.50	2.31	0.642	1.74	2.51	2.38	1.81	2.28	MEAN

LOCATION - LAT 48 17 30 N, LONG 89 48 33 W
DRAINAGE AREA, 210 km^2
NATURAL FLOW

WHITEFISH RIVER AT NOLALU - STATION NO. 02AB017

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1980	28.4 AT 18:28 EST ON SEP 13	21.0 ON SEP 14	0.137 ON AUG 12	52 800	1980
1981	29.1 AT 20:20 EST ON APR 10	20.7 ON APR 11	0.140 ON SEP 25	67 900	1981
1982	---	30.4 ON APR 25 *	0.1208 ON FEB 14 *	58 900	1982
1983	27.5E AT 01:00 EST ON JUL 4	23.1E ON JUL 4	0.341 ON SEP 8	74 900	1983
1984	34.7 AT 20:11 EST ON APR 27 *	22.6 ON APR 28	0.283 ON SEP 2	67 100	1984
				71 900	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WHITEMANS CREEK NEAR BURFORD - STATION NO. 02GB003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	---	---	3.09	1.84	---	1913
1914	2.19	2.95	5.28	5.80	5.04	5.43	1.00	0.915	1.93	1.02	2.14	2.84	3.19	1914
1915	2.66	7.81	8.82	3.82	1.73	1.15	1.11	5.31	2.91	3.19	3.30	2.85	3.54	1915
1916	13.5	7.57	8.85	10.7	7.87	8.04	1.03	0.885	---	---	---	---	---	1916
MEAN	5.28	5.11	7.34	7.11	4.81	4.87	1.05	2.31	2.45	2.11	2.84	2.45	3.37	MEAN

LOCATION - LAT 43 08 55 N, LONG 80 21 20 W
DRAINAGE AREA, 399 km^2
REGULATED
DATA CONTRIBUTED BY - ONTARIO HYDRO

WHITEMANS CREEK NEAR BURFORD - STATION NO. 02GB003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	54.9 ON JUN 9 *	0.283 ON AUG 8 *	101 000	1914
1915	---	21.7 ON FEB 25	0.586 ON JUN 1	112 000	1915
1916	---	47.0 ON MAR 30	---	---	1916
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		107 000	MEAN

WHITEMANS CREEK NEAR MOUNT VERNON - STATION NO. 02GB008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1961	---	---	4.86	5.35	3.45	1.45	1.14	0.888	0.754	0.594	1.17	1.71	---	1961
1962	0.885	0.864	9.95	4.68	1.85	1.34	0.878	1.14	0.770	1.42	3.21	3.24	2.50	1962
1963	1.10	0.815	10.6	4.81	2.85	1.31	0.898	0.567	0.508	0.486	0.627	0.817	2.08	1963
1964	1.03	1.13	5.75	5.82	2.74	0.980	0.685	2.05	1.17	0.814	0.925	3.15	2.19	1964
1965	3.79	10.3	9.54	15.7	3.89	1.22	1.06	0.825	0.823	1.10	2.08	5.13	4.56	1965
1966	2.85	3.89	10.3	5.57	3.23	1.98	0.557	0.716	0.713	0.748	2.12	8.03	3.48	1966
1967	5.15	3.43	6.91	12.6	3.86	3.83	3.05	2.23	1.32	3.57	5.28	8.51	5.17	1967
1968	2.58	11.6	10.7	4.85	2.47	1.77	1.14	0.839	1.03	1.15	2.07	3.88	3.84	1968
1969	5.03	5.42	9.58	11.3	5.02	2.17	0.898	0.742	0.900	0.789	1.87	1.80	3.90	1969
1970	1.18	2.18	6.70	8.91	3.18	1.17	1.37	0.780	0.830	1.08	2.30	4.53	2.85	1970
1971	2.22	2.99	10.8	11.1	2.07	1.19	0.711	0.484	0.492	0.559	0.883	1.51	2.88	1971
1972	2.50	1.42	12.5	15.1	4.20	2.43	2.86	3.33	1.12	2.30	5.13	5.44	4.88	1972
1973	5.95	5.18	21.0	8.31	4.85	2.24	1.28	0.819	0.515	0.882	4.71	4.94	5.13	1973
1974	5.53	6.44	12.0	9.21	5.53	2.84	1.62	0.848	0.810	0.880	2.02	1.98	4.84	1974
1975	3.20	5.47	11.8	9.57	2.88	2.88	1.23	1.70	2.88	1.72	2.59	4.47	4.21	1975
1976	2.79	14.0	20.8	8.84	7.40	2.05	2.77	3.52	1.77	2.18	2.41	2.02	5.84	1976
1977	1.22	1.33	16.8	8.52	2.28	1.48	1.34	1.42	5.21	6.54	4.02	9.76	5.01	1977
1978	3.26	2.48	10.1	19.7	4.43	1.85	0.822	0.786	1.95	1.98	2.64	3.80	4.46	1978
1979	4.53	2.90	16.3	17.0	4.78	1.98	1.02	2.33	1.59	2.24	5.80	9.48	5.83	1979
1980	4.95	2.01	10.5	12.1	5.01	2.30	1.78	1.80	1.21	1.84	1.90	2.97	4.02	1980
1981	1.29	13.0	5.26	5.24	3.32	1.95	1.16	1.57	5.71	5.25	3.80	2.85	4.11	1981
1982	2.52	1.72	14.2	15.8	4.15	5.22	1.95	1.89	2.77	2.87	7.04	13.4	5.47	1982
1983	5.07	6.75	5.29	6.10	6.55	3.20	1.89	7.83	2.18	2.70	3.94	6.23	5.40	1983
1984	2.89	18.5	10.8	9.48	4.14	5.18	2.05	0.951	1.85	1.42	2.89	4.83	5.35	1984
MEAN	3.29	5.48	11.1	10.0	4.15	2.28	1.41	1.86	1.59	1.87	2.98	4.87	4.29	MEAN

LOCATION - LAT 43 07 33 N LONG 80 23 05 W
DRAINAGE AREA, 383 km^2
REGULATED

WHITEMANS CREEK NEAR MOUNT VERNON - STATION NO. 02GB008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1961	---	---	---	---	1961
1962	---	21.4 ON MAR 13	0.212 ON JUL 19	78 800	1962
1963	---	42.2 ON MAR 27	0.433 ON JUL 13	65 600	1963
1964	---	13.5 ON APR 9	0.249 ON AUG 1	69 200	1964
1965	---	64.3 ON FEB 11	0.583 ON SEP 17	144 000	1965
1966	---	32.6 ON DEC 9	0.232 ON JUL 23	110 000	1966
1967	---	52.4A ON APR 3	0.827 ON SEP 20	183 000	1967
1968	---	54.1 ON FEB 3	0.467 ON JUL 30	118 000	1968
1969	65.4 AT 03:00 EST ON JAN 31	50.7 ON JAN 31	0.193 ON AUG 14	123 000	1969
1970	23.6 AT 01:00 EST ON APR 5	22.7 ON APR 5	0.575 ON AUG 28	88 800	1970
1971	48.7 AT 23:11 EST ON APR 3	40.2 ON APR 4	0.178 ON AUG 8 *	90 400	1971
1972	41.8 AT 17:00 EST ON MAR 23	36.4 ON MAR 23	0.841 ON AUG 1	154 000	1972
1973	---	47.8E ON MAR 13	0.300 ON SEP 12	182 000	1973
1974	79.3E ON MAY 16	45.0 ON MAR 5	0.668 ON AUG 21	148 000	1974
1975	45.0 AT 18:33 EST ON FEB 28	34.3 ON FEB 28	0.575 ON AUG 2	133 000	1975
1976	80.0 AT 13:41 EST ON MAR 8	48.7 ON MAR 8	1.34 ON SEP 8	185 000	1976
1977	62.6 AT 15:35 EST ON MAR 14	60.0 ON MAR 14	0.685 ON JUL 31	158 000	1977
1978	49.0 AT 07:49 EST ON APR 2	43.9 ON APR 2	0.388 ON JUL 21	141 000	1978
1979	72.5 AT 14:25 EST ON APR 15	66.0 ON APR 15	0.249 ON JUL 24	184 000	1979
1980	66.2 AT 03:42 EST ON MAR 22	54.6 ON MAR 22	0.618 ON AUG 28	127 000	1980
1981	43.1 AT 08:21 EST ON FEB 21	42.2 ON FEB 21	0.440 ON JUL 18	130 000	1981
1982	84.9 AT 15:36 EST ON APR 1 *	74.7 ON APR 1 *	0.702 ON JUL 27	204 000	1982
1983	25.8 AT 23:07 EST ON AUG 1	22.9 ON AUG 2	0.829 ON JUL 28	170 000	1983
1984	66.0 AT 19:27 EST ON FEB 18	51.8 ON FEB 17	0.735 ON AUG 18	189 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		135 000	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)
E - ESTIMATED

WHITSON RIVER AT CHELMSFORD - STATION NO. 02CF007

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1960	---	---	---	---	---	---	---	2.06	1.39	2.23	3.34	1.79 R	---	1960
1961	0.763R	0.441R	0.768R	6.25R	4.13	4.68	4.08	1.97	3.79	3.00	3.39	2.14 R	2.86R	1961
1962	1.22 R	0.878R	1.90 R	12.7	5.55	1.12	0.546	0.415	0.422	0.597	0.770	0.634R	2.22R	1962
1963	0.468R	0.410R	0.801R	11.5	2.18	1.38	0.568	0.451	0.462	0.402	0.939	0.751R	1.68R	1963
1964	0.508R	0.644R	0.784R	10.4 R	3.03	1.06	0.575	0.439	0.863	1.94	1.71	1.60 R	1.95R	1964
1965	1.38 R	1.15 R	0.863R	15.6 R	3.02	0.854	0.587	1.37	4.23	4.41	4.52	3.92	3.48R	1965
1966	3.37	2.50	7.54	8.26	2.43	1.65	0.823	0.562	0.425	1.32	4.67	6.66	3.34	1966
1967	2.10	1.84	2.03	20.8	7.08	3.29	1.82	1.59	1.24	2.80	5.78	3.54	4.46	1967
1968	1.15	0.837	4.75	8.45	2.82	1.77	2.15	1.51	3.30	2.55	1.58	1.85	2.74	1968
1969	0.910	1.06	2.37	15.2	3.39	2.23	1.21	1.04	0.476	2.18	6.29	1.85	3.17	1969
1970	1.22	1.11	1.17	11.3 R	4.87	7.67	1.82	0.772	2.59	4.63	3.44	3.13	3.64R	1970
1971	1.71	1.16	2.57	18.2	3.70	1.89	0.718	0.622	0.552	1.17	1.69	3.14	3.16	1971
1972	1.44	1.22	1.14	13.2	7.21	1.40	0.819	4.36	2.06	2.82	2.76	1.12	3.29	1972
1973	1.12	1.02	10.4	6.76	5.08	1.76	1.51	2.63	1.01	1.75	2.58	1.88	3.14	1973
1974	1.00	0.871	1.11	13.7	3.28	3.51	1.46	0.809	0.805	1.70	3.98	1.38	2.76	1974
1975	1.17	0.903	1.19	14.9	4.53	1.71	0.806	0.526	0.685	1.41	1.85	2.50	2.67	1975
1976	0.854	0.525	3.11	16.3	4.53	1.67	1.23	0.780	1.38	1.40	1.04	0.594	2.76	1976
1977	0.484	0.450	5.08	12.2	1.60	0.784	1.00	1.03	2.25	4.12	3.82	1.97	2.89	1977
1978	1.17	0.909	1.05	12.5	5.53	1.14	1.20	1.42	2.26	8.05	2.38	1.85	3.12	1978
1979	1.25	0.935	4.62	25.3	6.89	1.84	1.40	0.828	1.04	1.70	4.16	2.84	4.38	1979
1980	2.31	0.973	1.62	17.4	6.23	1.47	0.918	0.816	2.26	4.24	2.32	1.13	3.47	1980
1981	0.886	2.84	5.43	12.6	2.73	1.54	1.36	0.588	2.79	4.28	2.35	1.22	3.21	1981
1982	0.731	0.633	0.885	16.0	3.50	1.58	0.752	0.538	0.904	2.58	3.33	4.42	2.98	1982
1983	2.52	1.12	5.74	10.6	7.47	3.15	0.751	0.654	0.597	1.62	1.84	1.14	3.10	1983
1984	0.756	2.57	2.41	7.69	2.59	5.21	2.14	1.03	1.98	2.64	5.11	4.23	3.18	1984
MEAN	1.25 R	1.13 R	2.89 R	13.3 R	4.31	2.26	1.23	1.15	1.58	2.54	3.02	2.29 R	3.07	MEAN

LOCATION - LAT 46 34 05 N DRAINAGE AREA, 272 km²
LONG 81 12 45 W NATURAL FLOW

R - REVISED SINCE JAN 1980

WHITSON RIVER AT CHELMSFORD - STATION NO. 02CF007

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	25.7 AT 11:00 EST ON APR 10	13.6 ON JUN 26	0.379RB ON FEB 23	93 300R	1962
1963	---	25.3 ON APR 10	0.343 ON AUG 22	70 000R	1963
1964	---	32.8B ON APR 4	0.326 ON OCT 4	53 100R	1964
		40.2A ON APR 15	0.306 ON SEP 2	81 700R	
1965	50.1 AT 04:00 EST ON APR 15	48.7 ON APR 15	0.416 ON AUG 6	110 000R	1965
1966	27.2 AT 15:30 EST ON MAR 24	25.7 ON MAR 24	0.343A ON SEP 28	105 000	1966
1967	39.8B AT 08:00 EST ON APR 9	31.1B ON APR 9	0.765 ON SEP 20	141 000	1967
1968	27.9 AT 00:01 EST ON APR 1	26.6B ON MAR 31	0.580B ON JAN 29	86 700	1968
1969	41.1 AT 08:00 EST ON APR 14	40.2 ON APR 14	0.368 ON SEP 25	100 000	1969
1970	28.4 AT 16:33 EST ON JUN 4	28.2 ON JUN 4	0.422 ON AUG 11	115 000R	1970
1971	48.1 AT 07:11 EST ON APR 19	47.6 ON APR 19	0.384 ON SEP 17	89 800	1971
1972	45.0 AT 00:30 EST ON APR 25	43.9 ON APR 25	0.286 ON JUL 8 *	104 000	1972
1973	---	21.8B ON MAR 16	0.651E ON SEP 16	98 200	1973
1974	38.2 AT 07:14 EST ON APR 18	37.7 ON APR 17	0.442 ON SEP 4	86 800	1974
1975	51.5 AT 04:10 EST ON APR 23	51.0 ON APR 23	0.368 ON AUG 1	84 100	1975
1976	44.5 AT 08:50 EST ON APR 4	43.6 ON APR 4	0.467B ON FEB 12	87 000	1976
1977	45.3 AT 04:49 EST ON APR 2	43.6 ON APR 2	0.426B ON JAN 28	91 300	1977
1978	38.8 AT 02:51 EST ON APR 25	37.4 ON APR 25	0.637E ON AUG 17	98 500	1978
1979	60.0 AT 05:00 EST ON APR 18 *	57.9 ON APR 18 *	0.887 ON AUG 15	138 000	1979
1980	* ---	49.3E ON APR 11	0.480B ON MAR 13	110 000	1980
1981	29.0 AT 13:04 EST ON APR 5	28.6 ON APR 5	0.534 ON AUG 27	101 000	1981
1982	42.5 AT 08:31 EST ON APR 19	42.1 ON APR 19	0.444 ON AUG 17	84 100	1982
1983	25.5 AT 00:07 EST ON APR 15	24.2 ON APR 15	0.407 ON SEP 15	87 700	1983
1984	15.2 AT 13:34 EST ON APR 5	15.0 ON APR 5	0.520B ON FEB 10	100 000	1984
				97 000R	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX) B - ICE CONDITIONS E - ESTIMATED * - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980

WHITSON RIVER AT VAL CARON - STATION NO. 02CF008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1962	---	---	---	6.09	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	7.38	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	6.51	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	8.83	---	---	---	---	---	---	---	---	---	1965
1966	---	---	---	5.26	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	13.1	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	5.05	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	7.96	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	7.82	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	11.3	---	---	---	---	---	---	---	---	---	1971
1973	---	---	---	3.47	---	---	---	---	---	---	---	---	---	1973
1974	---	---	---	7.27	---	---	---	---	---	---	3.34	0.833	---	1974
1975	0.808	0.555	0.732	8.01	2.94	0.729	0.100	0.105	0.201	0.755	1.09	1.78	1.48	1975
1976	0.264	0.247	1.62	8.23	2.23	0.685	0.211	0.184	0.900	1.04	0.705	0.340	1.38	1976
1977	0.294	0.271	3.83	8.63	0.840	0.349	0.603	0.669	1.73	3.10	2.74	1.65	1.89	1977
1978	0.910	0.615	0.624	6.67	2.99	0.625	0.701	0.980	1.81	4.20	1.57	1.15	1.91	1978
1979	0.858	0.623	2.62	15.1	3.62	0.892	0.594	0.350	0.932	1.31	2.12	1.85	2.58	1979
1980	1.31	0.542	0.718	9.32	3.03	0.863	0.519	0.558	1.32	2.51	1.53	0.748	1.91	1980
1981	0.363	1.68	2.89	7.13	1.32	0.792	0.558	0.226	1.87	2.63	1.30	0.800	1.78	1981
1982	0.514	0.433	0.642	9.16	1.71	0.986	0.237	0.212	0.578	1.36	1.68	2.39	1.67	1982
1983	1.34	0.632	3.37	8.41	4.37	2.00	0.361	0.224	0.257	1.17	1.08	0.884	1.84	1983
1984	0.464	1.57	1.23	4.58	1.31	3.71	1.24	0.481	1.12	1.51	2.94	2.29	1.85	1984
MEAN	0.712	0.717	1.83	7.79	2.44	1.16	0.512	0.399	1.07	1.86	1.85	1.34	1.83	MEAN

LOCATION - LAT 46 37 20 N DRAINAGE AREA, 155 km²
LONG 81 00 30 W NATURAL FLOW

WHITSON RIVER AT VAL CARON - STATION NO. 02CF008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1973	---	---	---	---	1973
1974	---	---	---	---	1974
1975	28.3 AT 19:24 EST ON APR 20	27.5 ON APR 21	0.051 ON AUG 2 *	46 700	1975
1976	23.0 AT 19:21 EST ON APR 2	21.7 ON APR 3	0.085 ON AUG 29	43 600	1976
1977	27.1 AT 10:29 EST ON MAR 31	25.7 ON MAR 31	0.099 ON JUL 11	59 800	1977
1978	19.8 A ON APR 24	17.5 A ON APR 24	0.365 ON AUG 16	60 100	1978
1979	30.3 AT 19:24 EST ON APR 15	28.9 ON APR 16	0.168 ON JUL 24	80 800	1979
1980	32.7 AT 07:30 EST ON APR 10 *	32.2 ON APR 10 *	0.262 ON MAR 14	80 400	1980
1981	16.2 AT 22:52 EST ON APR 5	15.2 ON APR 5	0.129 ON AUG 21	56 400	1981
1982	27.6 AT 19:03 EST ON APR 18	26.3 ON APR 18	0.116 ON AUG 15	52 600	1982
1983	17.6 AT 08:28 EST ON APR 18	17.2 ON APR 18	0.081 ON SEP 10	58 200	1983
1984	7.93 AT 03:42 EST ON APR 7	7.80 ON APR 7	0.295 ON AUG 21	58 800	1984
				57 700	MEAN

A - MANUAL GAUGE
(SEE REFERENCE INDEX)

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WILLOW CREEK ABOVE LITTLE LAKE - STATION NO. 02ED009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	4.32	1.53	0.831	0.329	0.078	0.076	0.042	0.132	1.94	0.695	---	1973
1974	0.505	0.535	1.69	3.32	1.74	0.295	0.290	0.196	0.116	0.391	0.966	0.453	0.874	1974
1975	0.539	0.782	2.18	3.40	0.550	0.084	0.098	0.057	0.128	0.101	0.187	0.382	0.702	1975
1976	0.202	0.376	4.97	1.49	0.825	0.155	0.278	0.085	0.882	0.815	1.05	0.424	0.917	1976
1977	0.225	0.198	4.91	1.07	0.180	0.070	0.058	0.112	0.400	0.717	1.16	1.08	0.853	1977
1978	0.785	0.453	0.784	5.07	0.778	0.212	0.072	0.084	0.077	0.256	0.388	0.328	0.784	1978
1979	0.383	0.218	4.44	2.06	0.534	0.172	0.052	0.045	0.038	0.244	0.781	1.88	0.894	1979
1980	0.378	0.193	3.02	2.46	0.383	0.324	1.00	0.251	0.347	1.03	1.08	1.59	1.01	1980
1981	0.389	3.61	1.17	0.801	0.884	0.248	0.098	0.248	0.691	1.12	1.05	0.507	0.883	1981
1982	0.488	0.341	1.24	5.35	0.255	1.05	0.081	0.142	0.218	0.274	1.18	2.59	1.10	1982
1983	0.858	0.888	1.91	1.51	1.11	0.180	0.031	0.052	0.045	0.188	0.843	0.378	0.848	1983
1984	0.215	2.31	1.98	2.03	0.547	0.150	0.089	0.038	0.188	0.183	0.547	1.22	0.783	1984
MEAN	0.450	0.858	2.72	2.51	0.700	0.272	0.188	0.114	0.248	0.438	0.810	0.942	0.857	MEAN

LOCATION - LAT 44 25 29 N DRAINAGE AREA, 84.8 km²
LONG 79 38 38 W NATURAL FLOW

WILLOW CREEK ABOVE LITTLE LAKE - STATION NO. 02ED009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	23.6 B AT 00:39 EST ON MAR 12	18.2 B ON MAR 12	0.021 ON JUL 24	---	1973
1974	26.6 AT 08:06 EST ON APR 4	24.2 ON APR 4	0.034 ON JUL 23	27 800	1974
1975	30.3 AT 07:39 EST ON APR 19	28.8 ON APR 19	0.018 ON AUG 23	22 100	1975
1976	31.1 AT 19:33 EST ON MAR 25	30.0 ON MAR 25 *	0.034 ON AUG 25	29 000	1976
1977	29.2 B AT 21:17 EST ON MAR 13	26.6 B ON MAR 14	0.005 ON JUL 29 *	27 000	1977
1978	15.7 AT 20:55 EST ON APR 11	10.5 ON APR 12	0.016 ON AUG 15	24 100	1978
1979	26.5 AT 22:31 EST ON MAR 24	21.8 ON MAR 25	0.016 ON JUL 19	28 200	1979
1980	35.3 AT 20:24 EST ON MAR 21 *	21.2 ON MAR 21	0.045 ON SEP 9	31 800	1980
1981	21.8 AT 23:15 EST ON FEB 23	19.8 ON FEB 23	0.026 ON JUL 26	27 800	1981
1982	20.6 AT 03:21 EST ON APR 1	16.5 ON APR 1	0.023 ON JUL 27	34 600	1982
1983	8.09 AT 13:31 EST ON APR 10	5.76 ON MAR 7	0.008 ON SEP 12	20 300	1983
1984	14.1 AT 11:31 EST ON DEC 29	11.1 ON DEC 29	0.015 ON AUG 9	24 800	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		27 000	MEAN

WILLOW CREEK AT MIDHURST - STATION NO. 02ED010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	4.73	2.15	1.10	0.468	0.122	0.084	0.071	0.198	2.00	1.25	---	1973
1974	0.703	0.972	3.16	3.72	2.26	0.342	0.411	0.372	0.318	0.624	1.44	0.687	1.25	1974
1975	0.977	0.697	2.29	4.17	0.933	0.088	0.111	0.092	0.296	0.300	0.428	0.781	0.930	1975
1976	0.720	0.728	4.69	2.89	0.999	0.251	0.693	0.236	0.802	1.14	1.31	1.19	1.32	1976
1977	0.471	0.420	5.34	2.25	0.207	0.109	0.145	0.255	0.530	1.24	1.89	1.77	1.23	1977
1978	1.02	0.875	0.883	6.05	1.32	0.345	0.116	0.080	0.172	0.519	0.862	0.653	1.06	1978
1979	0.883	0.459	3.99	3.77	1.38	0.278	0.133	0.088	0.078	0.522	1.08	2.22	1.22	1979
1980	1.04	0.338	3.02	4.17	0.778	0.445	0.976	0.857	0.416	1.22	1.57	1.64	1.38	1980
1981	0.612	3.37	1.87	1.25	1.08	0.325	0.094	0.247	0.882	1.40	1.38	1.05	1.11	1981
1982	0.636	0.438	1.17	7.63	0.893	1.14	0.387	0.175	0.280	0.553	1.42	2.91	1.45	1982
1983	1.33	0.833	2.10	2.08	1.52	0.416	0.107	0.153	0.159	0.324	1.04	0.798	0.905	1983
1984	0.428	2.33	2.05	3.10	0.753	0.285	0.124	0.106	0.305	0.287	0.990	1.23	0.990	1984
MEAN	0.784	1.04	2.95	3.60	1.08	0.374	0.285	0.237	0.367	0.694	1.27	1.35	1.17	MEAN

LOCATION - LAT 44 26 39 N DRAINAGE AREA, 127 km^2
LONG 78 43 47 W NATURAL FLOW

WILLOW CREEK AT MIDHURST - STATION NO. 02ED010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	13.5 AT 01:33 EST ON MAR 13	12.9 ON MAR 13	0.062 ON JUL 24	---	1973
1974	12.8 AT 12:36 EST ON MAR 8	12.3 ON MAR 8	0.074 ON JUL 24	39 500	1974
1975	18.3 AT 01:48 EST ON APR 20	17.0 ON APR 20	0.048 ON JUL 9	29 300	1975
1976	17.2 AT 16:41 EST ON MAR 26	16.8 ON MAR 26	0.116 ON JUN 13	41 600	1976
1977	20.2 AT 19:13 EST ON MAR 15 *	19.9 ON MAR 15 *	0.059 ON MAY 31	38 700	1977
1978	10.8 AT 06:47 EST ON APR 14	10.5 ON APR 14	0.059 ON AUG 14	33 400	1978
1979	15.0 AT 23:26 EST ON MAR 25	13.9 ON MAR 26	0.056 ON AUG 23	36 400	1979
1980	10.3 AT 04:48 EST ON MAR 23	10.0 ON MAR 23	0.113 ON SEP 15	43 700	1980
1981	15.3 AT 08:05 EST ON FEB 24	15.0 ON FEB 24	0.035 ON JUL 17 *	35 000	1981
1982	13.6 AT 10:54 EST ON APR 5	12.8 ON APR 4	0.089 ON AUG 24	45 700	1982
1983	4.03 AT 15:03 EST ON MAR 10	3.99 ON MAR 10	0.072 ON SEP 10	28 500	1983
1984	8.88 AT 09:25 EST ON APR 7	8.82 ON APR 7	0.043 ON AUG 8	31 300	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		36 800	MEAN

WILMOT CREEK NEAR NEWCASTLE - STATION NO. 02HD009

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	0.448	0.328	0.380	0.847	0.848	1.02	---	1965
1966	0.453	1.67	1.98	0.899	0.642	0.467	0.312	0.310	0.345	0.382	0.889	1.48	0.805	1966
1967	1.07	0.881	1.76	1.49	0.828	0.685	0.584	0.457	0.435	0.883	0.871	1.05	0.893	1967
1968	0.966	1.67	2.52	0.956	0.838	0.521	0.334	0.373	0.411	0.434	0.733	0.832	0.872	1968
1969	1.72	0.818	1.44	1.42	0.889	0.818	0.574	0.850	0.380	0.508	0.780	0.816	0.887	1969
1970	0.538	0.879	1.50	1.59	0.885	0.850	0.528	0.388	0.438	0.591	0.777	0.807	0.788	1970
1971	0.833	0.780	1.23	2.46	0.704	0.895	0.474	0.408	0.478	0.538	0.894	0.889	0.811	1971
1972	0.884	0.807	1.14	3.22	0.856	0.585	0.578	0.882	0.831	0.732	0.808	1.16	1.01	1972
1973	1.25	1.17	2.83	1.64	1.15	0.739	0.450	0.477	0.485	0.884	0.930	0.782	1.04	1973
1974	1.32	0.836	1.56	1.59	1.18	0.729	0.752	0.535	0.545	0.615	0.753	0.761	0.942	1974
1975	0.905	1.35	1.85	1.49	0.818	0.809	0.402	0.373	0.517	0.488	0.828	0.785	0.848	1975
1976	0.388	1.59	2.72	1.42	1.35	0.749	0.706	0.484	0.483	0.588	0.491	0.531	0.954	1976
1977	0.426	0.545	2.18	1.25	0.490	0.419	0.345	0.515	0.707	0.808	1.21	1.28	0.847	1977
1978	2.08	0.627	1.47	2.72	1.28	0.582	0.445	0.463	0.884	0.750	0.822	0.788	1.08	1978
1979	0.748	0.648	3.45	1.76	0.974	0.536	0.338	0.478	0.428	0.620	0.783	1.07	0.891	1979
1980	0.980	0.366	3.81	2.32	0.805	0.878	0.708	0.548	0.736	0.824	0.943	0.870	1.15	1980
1981	0.389	2.82	1.10	1.16	0.883	0.879	0.520	0.712	0.878	1.08	1.14	0.885	0.885	1981
1982	0.644	0.429	2.56	2.32	0.878	1.32	0.851	0.503	0.812	0.874	1.10	1.17	1.08	1982
1983	0.983	1.81	1.37	1.58	1.38	0.818	0.388	0.433	0.387	0.742	0.842	1.18	0.955	1983
1984	0.589	2.83	1.71	1.91	1.02	0.890	0.488	0.881	0.787	0.821	0.802	0.834	1.03	1984
MEAN	0.900	1.12	2.01	1.75	0.840	0.847	0.801	0.485	0.529	0.854	0.857	0.850	0.945	MEAN

LOCATION - LAT 43 58 47 N DRAINAGE AREA, 82.6 km^2
LONG 78 37 08 W NATURAL FLOW

WILMOT CREEK NEAR NEWCASTLE - STATION NO. 02HD009

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	---	17.0 B ON MAR 1	0.269 ON JUL 27	28 400	1966
1967	13.7 AT 20:00 EST ON MAR 26	8.71 ON MAR 27	0.328 ON SEP 13	28 200	1967
1968	16.4 AT 19:00 EST ON MAR 18	9.74 ON FEB 2	0.272 ON JUL 30	27 600	1968
1969	10.6 B AT 00:01 EST ON JAN 31	5.868 ON JAN 30	0.309 ON JUL 23	28 000	1969
1970	8.57 AT 13:46 EST ON APR 20	3.31 ON MAR 23	0.328 ON AUG 18	24 800	1970
1971	8.06 AT 19:29 EST ON APR 2	7.48 ON APR 2	0.284 ON AUG 20	25 600	1971
1972	18.7 AT 11:11 EST ON APR 13	11.4 ON APR 13	0.385 ON AUG 1	32 100	1972
1973	15.4 AT 14:01 EST ON FEB 2	12.9 ON MAR 4	0.345 ON AUG 18	32 900	1973
1974	21.4 AT 04:08 EST ON MAR 5	10.5 ON MAR 5	0.430 ON AUG 28	29 700	1974
1975	21.5 AT 12:47 EST ON FEB 24	14.1 ON FEB 24	0.323 ON JUL 17	28 800	1975
1976	16.3 AT 07:56 EST ON MAR 21	12.1 ON MAR 21	0.268B ON JAN 5	30 200	1976
1977	---	8.50E ON MAR 13	0.170 ON JUL 28 *	25 700	1977
1978	17.8 AT 18:25 EST ON APR 1	11.3 B ON JAN 27	0.287 ON JUL 18	33 400	1978
1979	30.5 AT 18:26 EST ON MAR 4 *	15.6 ON MAR 4	0.178 ON JUL 24	31 200	1979
1980	---	52.8 E ON MAR 21 *	0.308 ON JUL 15	36 500	1980
1981	23.5 B AT 16:30 EST ON FEB 20	15.7 B ON FEB 20	0.285 ON JUL 17	31 400	1981
1982	26.6 AT 14:07 EST ON APR 3	12.4 ON MAR 31	0.350B ON FEB 14	34 000	1982
1983	23.7 AT 22:33 EST ON FEB 2	8.02 ON FEB 3	0.225 ON JUL 27	30 100	1983
1984	---	31.5 B ON FEB 14	0.386 ON JUL 25	32 500	1984
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		29 800	MEAN

WILTON CREEK NEAR NAPANEE - STATION NO. 02HM004

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	0.488	2.87	2.18	---	1965
1966	0.922	1.51	4.63	1.02	0.281	0.102	0.012	0.013	0.038	0.047	1.82	2.51	1.08	1966
1967	1.52	1.43	3.38	3.74	0.763	0.184	0.089	0.018	0.036	1.32	2.61	1.24	1.36	1967
1968	0.479	2.38	4.85	1.28	1.25	0.702	0.181	0.095	1.59	0.486	2.84	2.80	1.67	1968
1969	1.33	2.16	5.38	2.87	2.33	0.560	0.236	0.408	0.078	0.082	1.38	1.80	1.85	1969
1970	0.188	1.40	4.92	3.85	0.857	0.148	0.222	0.039	0.035	0.091	1.48	1.50	1.22	1970
1971	0.755	0.762	1.37	7.46	0.763	0.185	0.068	0.031	0.055	0.123	0.173	1.53	1.10	1971
1972	0.708	0.385	1.28	7.47	1.37	1.89	0.573	0.274	0.078	1.30	3.03	3.54	1.80	1972
1973	3.53	1.88	5.00	3.58	1.24	0.397	0.048	0.074	0.106	0.208	1.24	1.88	1.80	1973
1974	2.17	1.09	3.05	4.52	1.83	0.319	0.126	0.038	0.020	0.042	0.835	1.30	1.28	1974
1975	2.35	1.28	4.58	3.28	0.497	0.576	0.057	0.012	0.132	0.244	0.878	3.03	1.40	1975
1976	0.536	3.66	8.15	2.12	1.80	0.310	0.158	0.084	0.034	0.184	0.310	0.310	1.58	1976
1977	0.135	0.321	7.31	2.02	0.583	0.087	0.018	0.225	0.465	1.80	2.91	2.23	1.52	1977
1978	2.48	0.875	3.03	7.29	0.713	0.145	0.036	0.026	0.088	0.124	1.28	1.12	1.43	1978
1979	1.07	0.743	7.25	3.59	1.22	0.426	0.050	0.052	0.582	1.83	2.12	2.70	1.80	1979
1980	0.802	0.144	4.85	3.71	1.29	0.172	0.589	0.489	0.318	1.07	1.44	2.56	1.45	1980
1981	0.269	7.23	1.02	1.18	0.885	0.586	0.147	0.257	3.13	1.44	1.59	0.526	1.47	1981
1982	0.885	0.227	3.30	4.78	1.02	1.75	0.310	0.108	0.157	0.404	1.80	2.85	1.48	1982
1983	1.25	1.87	1.78	3.18	2.45	0.321	0.059	0.078	0.032	0.295	2.49	2.83	1.38	1983
1984	0.380	4.78	2.15	4.18	1.46	0.480	0.260	0.808	0.269	0.120	0.785	1.53	1.38	1984
MEAN	1.15	1.80	4.11	3.74	1.19	0.478	0.158	0.154	0.381	0.572	1.65	1.89	1.44	MEAN

LOCATION - LAT 44 14 22 N DRAINAGE AREA, 112 km^2
LONG 76 50 56 W NATURAL FLOW

WILTON CREEK NEAR NAPANEE - STATION NO. 02HM004

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	12.8 AT 01:00 EST ON NOV 28	---	---	---	1965
1966	---	12.3 B ON MAR 3	0.006 ON JUL 17 *	33 400	1966
1967	18.3 AT 02:00 EST ON MAR 30	16.1 ON MAR 30	0.006 ON SEP 17	42 700	1967
1968	18.3B AT 02:30 EST ON MAR 19	17.0 B ON MAR 19	0.045 ON AUG 15	49 800	1968
1969	27.8 AT 12:11 EST ON MAR 25 *	26.2 ON MAR 25	0.040 ON OCT 8	48 900	1969
1970	22.1 AT 18:32 EST ON MAR 25	19.3 ON MAR 25	0.016 ON AUG 26	38 800	1970
1971	20.6 AT 02:41 EST ON APR 11	18.2 ON APR 10	0.012 ON AUG 11	34 800	1971
1972	23.8 AT 22:31 EST ON APR 13	21.7 ON APR 13	0.037 ON SEP 23	57 100	1972
1973	16.8 AT 15:10 EST ON APR 3	15.6 ON APR 3	0.020 ON JUL 24	50 400	1973
1974	27.4 AT 15:54 EST ON APR 4	22.8 ON APR 4	0.012 ON AUG 26	38 500	1974
1975	---	22.1 B ON MAR 20	0.008 ON AUG 21	44 100	1975
1976	---	22.7 B ON MAR 22	0.011 ON AUG 17	48 000	1976
1977	---	27.8 ON MAR 13	0.007 ON JUL 26	46 000	1977
1978	---	21.0 B ON APR 2	0.011 ON AUG 14	45 100	1978
1979	---	20.5 B ON MAR 8	0.020 ON AUG 23	58 800	1979
1980	---	44.3 B ON MAR 22 *	0.045 ON JUL 18	45 800	1980
1981	---	34.0 B ON FEB 20	0.085 ON AUG 8	48 500	1981
1982	28.8 AT 06:37 EST ON APR 1	23.8 ON APR 1	0.037 ON AUG 19	45 800	1982
1983	---	8.55B ON DEC 15	0.018 ON SEP 14	43 900	1983
1984	---	28.0 B ON FEB 15	0.070 ON AUG 8	44 100	1984
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		45 500	MEAN

WINDIGO RIVER ABOVE MUSKRAT DAM LAKE - STATION NO. 04CB001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	---	---	---	---	---	85.0	58.3	52.0	---	1967
1968	45.7	40.8	40.4	45.4	82.6	178	180	172	182	150	139	108	114	1968
1969	80.3	71.3	62.5	69.9	126	132	173	183	232	324	273	189	161	1969
1970	103	74.4	67.2	67.8	158	187	207	151	134	143	151	127	130	1970
1971	88.9	86.1	57.4	86.0	226	173	134	116	83.0	89.8	113	100	112	1971
1972	76.0	65.6	56.0	124	198	186	126	101	88.1	107	105	71.7	107	1972
1973	57.2	54.0	54.0	57.1	177	152	187	133	125	135	127	104	114	1973
1974	83.2	67.5	54.2	54.3	128	253	225	284	298	247	172	132	167	1974
1975	83.5	70.9	60.8	67.4	159	193	155	219	215	183	126	92.4	135	1975
1976	60.0	48.2	43.6	66.3	138	132	89.3	74.7	63.4	57.3	52.8	45.3	73.4	1976
1977	32.1	27.3	26.9	42.1	85.2	77.0	89.3	67.9	85.6	89.1	76.2	61.1	61.8	1977
1978	60.8	44.4	38.5	38.6	108	125	175	178	184	159	147	103	113	1978
1979	76.7	63.4	57.4	72.2	155	184	138	124	127	143	148	92.2	115	1979
1980	55.1	44.9	46.9	67.4	124	86.9	59.0	50.1	55.3	77.6	73.5	55.2	66.4	1980
1981	44.6	36.6	32.0	36.6	67.4	107	92.2	61.2	59.5	82.0	89.9	76.5	67.2	1981
1982	55.2	47.2	47.4	52.8	195	296	255	183	148	132	102	71.7	133	1982
1983	58.7	50.3	44.7	46.6	105	129	141	84.3	58.8	53.5	56.0	41.9	72.7	1983
1984	33.9	28.9	28.1	43.2	110	110	97.6	75.8	55.1	56.7	82.1	58.5	63.6	1984
MEAN	64.3	53.1	48.3	61.0	138	157	148	133	128	127	116	87.8	108	MEAN

LOCATION - LAT 53 20 55 N DRAINAGE AREA, 10 800 km²
LONG 91 47 30 W NATURAL FLOW

WINDIGO RIVER ABOVE MUSKRAT DAM LAKE - STATION NO. 04CB001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1967	---	---	---	---	1967
1968	198 AT 14:00 CST ON JUL 14	191 ON JUN 24	39.4B ON MAR 21	3 810 000	1968
1969	340 AT 12:00 CST ON OCT 16 *	340 ON OCT 13 *	57.5B ON MAR 30	5 080 000	1969
1970	221 AT 14:45 CST ON JUL 22	217 ON JUL 22	64.0B ON MAR 28	4 090 000	1970
1971	248 AT 12:56 CST ON MAY 16	245 ON MAY 16	52.7B ON MAR 25	3 530 000	1971
1972	252 AT 00:21 CST ON APR 28	247 ON APR 29	53.0 ON APR 8	3 380 000	1972
1973	212 AT 12:09 CST ON MAY 22	211 ON MAY 22	51.3B ON MAR 29	3 600 000	1973
1974	308 AT 15:06 CST ON SEP 19	303 ON SEP 8	50.4B ON MAR 23	5 270 000	1974
1975	244 AT 02:17 CST ON AUG 19	244 ON AUG 18	57.8B ON APR 3	4 260 000	1975
1976	---	159A ON MAY 20	40.2B ON DEC 31	2 320 000	1976
1977	101 AT 12:00 EST ON MAY 30	101 ON MAY 29	25.8B ON MAR 22 *	1 850 000	1977
1978	195 AT 16:33 EST ON SEP 3	192 ON SEP 3	38.5B ON APR 10	3 570 000	1978
1979	214 AT 18:30 EST ON MAY 29	214 ON MAY 30	54.1B ON MAR 18	3 830 000	1979
1980	136 AT 02:28 EST ON MAY 18	134 ON MAY 18	41.5B ON MAR 15	2 100 000	1980
1981	135 AT 00:52 EST ON JUN 28	128 ON JUN 28	31.0B ON MAR 28	2 120 000	1981
1982	330 AT 10:51 EST ON JUN 23	328 ON JUN 23	44.5B ON MAR 9	4 180 000	1982
1983	188 AT 18:35 EST ON JUL 11	183 ON JUL 11	36.5B ON DEC 31	2 290 000	1983
1984	---	128E ON MAY 21	27.7B ON MAR 18	2 010 000	1984
				3 350 000	MEAN

A - MANUAL GAUGE B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
(SEE REFERENCE INDEX) E - ESTIMATED

WINISK RIVER AT KANUCHUAN RAPIDS - STATION NO. 04DA002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1968	84.3	56.2	45.8	41.8	103	247	379	318	318	278	380	210	201	1968
1969	135	86.5	67.2	53.7	203	345	540	359	357	588	407	238	291	1969
1970	157	102	67.8	51.0	148	383	341	284	290	448	377	287	244	1970
1971	178	106	73.8	71.8	417	481	255	325	284	301	356	230	258	1971
1972	139	92.0	66.8	53.5	170	414	308	332	204	274	288	185	211	1972
1973	119	83.7	62.6	50.2	169	436	394	255	188	185	193	181	188	1973
1974	124	88.1	64.7	50.4	80.8	852	593	280	380	318	212	182	251	1974
1975	122	85.6	62.6	50.7	140	390	347	339	263	178	143	114	187	1975
1976	82.2	63.4	48.8	48.6	204	339	214	138	98.6	88.5	81.1	67.5	123	1976
1977	57.6	47.6	41.4	40.2	138	223	147	110	141	---	---	---	---	1977
MEAN	118	82.2	60.3	51.2	177	391	352	274	248	300	268	184	217	MEAN

LOCATION - LAT 52 57 30 N DRAINAGE AREA, 18 000 km²
LONG 87 42 15 W NATURAL FLOW

WINISK RIVER AT KANUCHUAN RAPIDS - STATION NO. 04DA002

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1968	---	405 ON JUL 14	38.6 ON APR 10 *	5 370 000	1968
1969	---	716 ON OCT 14	52.1 ON APR 5	8 180 000	1969
1970	476 AT 16:53 EST ON OCT 19	476 ON OCT 19	48.1 ON APR 22	7 680 000	1970
1971	694 AT 17:00 EST ON MAY 28	686 ON MAY 28	57.1B ON APR 3	8 070 000	1971
1972	456 AT 17:23 EST ON JUN 7	453 ON JUN 7	51.3B ON APR 23	6 670 000	1972
1973	515 AT 18:10 EST ON JUN 4	513 ON JUN 5	47.3 ON APR 14	5 880 000	1973
1974	835 AT 22:56 EST ON JUN 28 *	830 ON JUN 27 *	47.0 ON MAY 7	7 910 000	1974
1975	447 AT 16:38 EST ON JUN 26	447 ON JUN 26	49.6 ON APR 22	5 880 000	1975
1976	391 AT 15:20 EST ON JUN 3	379 ON JUN 3	44.5 ON APR 9	3 900 000	1976
1977	261 AT 16:31 EST ON JUN 3	258 ON JUN 3	---	---	1977
	B - ICE CONDITIONS	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		6 840 000	MEAN

WINISK RIVER BELOW ASHEWEIG RIVER TRIBUTARY - STATION NO. 04DC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1965	---	---	---	---	---	---	---	---	---	782	721	450	---	1965
1966	288	202	136	119	772R	1 430	1 250	743	783	680R	577R	334R	612R	1966
1967	198 R	134 R	107 R	102 R	284R	1 180R	699R	418R	236	194	199	146	325R	1967
1968	119	105	94.5	123	535	487	826	668	597	805R	1 020R	428	468R	1968
1969	253	185	132	130	873	831	973	656	829	1 480	821	448	638	1969
1970	268	171	123	115	780R	1 050	702	700	798	1 220	857	429	603R	1970
1971	271	185	135	127	1 420	1 040	566	798	563	857	564	297	572	1971
1972	188	139	112	97.1	785	838	663	584	641	915	534	317	494	1972
1973	208	155	129	118	1 220	1 250	1 220	813	431	459	393	286	544	1973
1974	---	---	---	---	---	---	---	519	794	637	382	235	---	1974
1975	163	128	107	96.3	337	930	891	1 240	751	521	417	247	488	1975
1976	170	131	108	186	1 090	747	482	299	207	176	136	105	320	1976
1977	87.3	74.6	86.2	193	547	364	322	262	325	386	291	195	259	1977
1978	133	108	96.2	93.9	450	---	---	---	---	---	---	270	---	1978
1979	205	154	121	315	926	653	481	501	501	570	503	341	441	1979
1980	245	154	97.2	115	824	495	462	387	460	771	462	285	398	1980
1981	208	158	128	146	1 180	840	470	259	---	---	---	---	---	1981
1982	---	---	---	---	---	---	1 010	620	535	618	501	314	---	1982
1983	209	154	115	88.0	203	551	505	345	320	383	345	252	281	1983
1984	215	175	115	434	711	591	476	339	258	272	340	287	352	1984
MEAN	202 R	148 R	113 R	153 R	780R	836R	694R	553R	532	650R	504R	298R	454	MEAN

LOCATION - LAT 54 31 00 N LONG 87 14 00 W
DRAINAGE AREA, 50 000 km^2
NATURAL FLOW

R - REVISED SINCE JAN 1980

WINISK RIVER BELOW ASHEWEIG RIVER TRIBUTARY - STATION NO. 04DC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1965	---	---	---	---	1965
1966	2 870 AT 11:15 EST ON MAY 20 *	1 690 ON MAY 23	111 B ON MAY 11	15 300 000R	1966
1967	---	1 390RE ON JUN 7	101 RE ON APR 10	10 300 000R	1967
1968	---	1 530RE ON NOV 5	86.7B ON APR 10	14 800 000R	1968
1969	1 630 AT 19:00 EST ON OCT 9	1 630 ON OCT 9	114 B ON APR 2	20 100 000	1969
1970	---	1 440RB ON MAY 31	111 B ON APR 13	18 000 000R	1970
1971	---	2 120 ON MAY 20	108 B ON APR 18	18 000 000	1971
1972	---	1 530E ON MAY 23	92.9B ON APR 25	15 600 000	1972
1973	---	2 240B ON MAY 21	113 B ON APR 22	17 200 000	1973
1974	---	---	---	---	1974
1975	1 590 AT 18:56 EST ON AUG 16	1 590 ON AUG 16	92.3B ON APR 19	15 400 000	1975
1976	---	1 440E ON MAY 18	94.9B ON DEC 31	10 100 000	1976
1977	---	688E ON MAY 21	62.6B ON MAR 24	8 180 000	1977
1978	---	954 ON JUN 7	---	---	1978
1979	1 270 AT 00:33 EST ON MAY 13	1 250 ON MAY 13	110 B ON APR 9	13 500 000	1979
1980	---	1 010E ON MAY 15	58.0B ON APR 15 *	12 800 000	1980
1981	---	2 290E ON MAY 17 *	111 B ON MAR 30	---	1981
1982	---	---	---	---	1982
1983	735 AT 12:57 EST ON JUN 25	731 ON JUN 25	80.0B ON APR 24	9 180 000	1983
1984	---	1 240B ON APR 25	99.0B ON MAR 30	11 100 000	1984
	B - ICE CONDITIONS E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD R - REVISED SINCE JAN 1980		14 300 000R	MEAN

WINNIPEG RIVER ABOVE BOUNDARY FALLS - STATION NO. 05PF051

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1928	---	---	---	---	---	742	1 320	1 140	893	1 030	---	---	---	1928
1929	---	---	---	---	---	853	576	516	549	576	---	---	---	1929
1930	---	---	---	---	---	575	508	448	400	374	---	---	---	1930
1931	---	---	---	---	---	---	388	357	386	384	---	---	---	1931
1932	---	---	---	---	---	508	450	382	---	---	---	---	---	1932
1933	---	---	---	---	935	642	598	516	440	---	---	---	---	1933
1934	---	---	---	---	---	1 120	1 180	1 030	860	755	---	---	---	1934
1935	---	---	---	---	---	782	861	881	872	953	---	---	---	1935
1936	---	---	---	---	---	898	888	565	526	587	---	---	---	1936
1937	---	---	---	---	---	946	1 000	1 230	927	889	---	---	---	1937
1938	---	---	---	---	---	2 060	1 700	735	---	---	---	---	---	1938
1939	---	---	---	---	---	565	593	578	518	489	---	---	---	1939
1940	---	---	---	---	---	451	435	383	356	380	---	---	---	1940
1941	---	---	---	---	---	524	485	510	599	---	---	---	---	1941
1942	---	---	---	---	---	759	573	560	830	783	---	---	---	1942
1943	---	---	---	---	---	1 770	2 260	1 310	780	951	---	---	---	1943
1944	---	---	---	---	---	1 220	1 730	1 340	1 600	814	---	---	---	1944
1945	---	---	---	---	---	1 140	788	784	688	651	---	---	---	1945
1946	---	---	---	---	---	1 110	836	778	649	586	---	---	---	1946
1947	---	---	---	---	---	1 480	1 840	1 040	802	717	---	---	---	1947
1948	---	---	---	---	---	883	707	704	686	639	---	---	---	1948
1949	---	---	---	---	---	626	646	536	573	852	---	---	---	1949
1950	---	---	---	---	---	2 630	2 580	2 480	1 970	1 080	---	---	---	1950
1951	---	---	---	---	---	1 310	851	723	650	689	---	---	---	1951
1952	---	---	---	---	---	820	888	821	795	686	---	---	---	1952
1953	---	---	---	---	---	833	899	836	732	686	---	---	---	1953
1954	---	---	---	---	---	2 380	2 200	1 070	830	811	---	---	---	1954
1955	---	---	---	---	---	811	827	749	680	618	---	---	---	1955
MEAN	---	---	---	---	935	1 040	1 010	822	752	692	---	---	---	MEAN

LOCATION - LAT 50 12 37 N DRAINAGE AREA, 128 000 km²
LONG 95 05 30 W REGULATED

REMARKS - HIGHER MAXIMUM DISCHARGES GENERALLY OCCUR OUTSIDE THE STANDARD PERIOD

WINNIPEG RIVER ABOVE BOUNDARY FALLS - STATION NO. 05PF051

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1928	---	---	---	---	1928
1929	---	---	---	---	1929
1930	---	---	---	---	1930
1931	---	---	---	---	1931
1932	---	---	---	---	1932
1933	---	1 070 ON MAY 8	---	---	1933
1934	---	---	---	---	1934
1935	---	---	---	---	1935
1936	---	---	---	---	1936
1937	---	---	---	---	1937
1938	---	2 150 ON MAY 28 *	---	---	1938
1939	---	---	---	---	1939
1940	---	---	---	---	1940
1941	---	---	473 ON JUL 5 *	---	1941
1942	---	---	---	---	1942
1943	---	---	---	---	1943
1944	---	---	---	---	1944
1945	---	---	---	---	1945
1946	---	---	---	---	1946
1947	---	---	---	---	1947
1948	---	---	---	---	1948
1949	---	---	---	---	1949
1950	---	---	---	---	1950
1951	---	---	---	---	1951
1952	---	---	---	---	1952
1953	---	---	---	---	1953
1954	---	---	---	---	1954
1955	---	---	---	---	1955
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

WINNIPEG RIVER AT WHITEDOG FALLS POWERHOUSE - STATION NO. 05PE010

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1913	---	---	---	---	---	---	---	---	---	233	213	215	---	1913
1914	215	198	286	284	335	557	611	554	391	348	278	275	380	1914
1915	278	283	286	287	445	587	880	642	383	282	285	279	392	1915
1916	288	347	412	458	825	1 020	1 110	1 010	810	726	534	514	672	1916
1917	428	522	571	582	409	282	189	183	193	202	208	207	331	1917
1918	203	206	260	275	211	226	199	174	183	214	217	227	218	1918
1919	209	183	319	500	359	312	721	739	562	453	348	297	419	1919
1920	300	340	442	486	603	808	580	382	304	283	200	188	381	1920
1921	231	218	232	538	623	432	320	273	262	258	251	244	323	1921
1922	225	231	227	381	725	852	507	402	370	280	238	224	373	1922
1923	204	208	310	539	500	340	315	309	285	278	268	256	326	1923
1924	267	289	284	285	305	278	292	294	282	306	288	278	287	1924
1925	280	180	180	178	188	188	183	188	180	185	173	167	183	1925
1926	174	193	199	288	318	314	407	385	272	488	740	518	388	1926
1927	508	571	647	813	1 400	1 540	1 530	1 170	800	350	357	305	818	1927
1928	278	359	414	470	410	382	724	445	335	583	597	489	488	1928
1929	423	481	559	531	394	341	284	304	342	348	364	367	393	1929
1930	347	308	310	328	284	292	278	273	238	195	184	171	285	1930
1931	127	111	109	143	109	84.6	81.7	84.3	76.8	76.4	86.0	81.6	100	1931
1932	107	112	85.1	89.5	161	139	184	184	182	278	303	233	168	1932
1933	230	247	350	703	483	245	238	277	282	261	340	354	337	1933
1934	367	371	399	401	421	373	283	285	258	328	338	365	347	1934
1935	300	307	285	343	348	318	446	404	341	348	229	327	342	1935
1936	337	405	482	373	401	385	340	384	355	356	366	347	376	1936
1937	338	345	335	371	398	353	440	710	525	412	394	383	418	1937
1938	341	324	307	304	894	1 390	1 110	333	310	385	323	337	537	1938
1939	337	320	328	382	373	340	323	304	284	---	---	---	---	1939
1958	---	---	384	358	335	250	250	178	234	187	185	185	---	1958
1959	211	258	261	271	224	224	229	220	232	355	353	361	268	1959
1960	367	380	355	354	338	302	285	281	287	275	270	255	311	1960
1961	252	251	254	238	233	214	225	232	245	276	284	359	256	1961
1962	363	383	386	374	332	1 030	772	1 050	787	542	385	407	571	1962
1963	390	359	336	350	360	398	536	576	400	422	409	414	414	1963
1964	420	422	381	385	323	426	848	640	543	1 010	625	479	524	1964
1965	491	519	567	635	642	848	775	398	388	585	869	641	630	1965
1966	624	678	758	971	1 180	1 220	957	388	411	400	415	401	700	1966
1967	381	376	406	381	308	383	448	350	345	356	359	377	371	1967
1968	367	354	318	228	194	808	904	881	783	718	893	701	578	1968
1969	685	783	828	702	480	725	517	578	514	470	489	588	608	1969
1970	598	597	583	534	717	1 320	1 130	471	442	448	593	714	880	1970
1971	769	745	688	626	430	413	387	317	278	322	898	1 000	570	1971
1972	781	898	707	757	550	385	234	253	378	367	398	400	488	1972
1973	432	453	408	241	184	172	142	188	302	401	640	555	339	1973
1974	540	530	533	615	818	1 120	1 010	395	387	440	489	584	820	1974
1975	585	805	844	597	490	423	732	422	285	287	351	418	483	1975
1976	455	458	425	447	287	219	204	209	204	191	140	171	284	1976
1977	277	234	188	98.3	78.4	89.0	71.6	72.3	195	845	808	874	300	1977
1978	786	887	883	805	338	544	709	457	883	458	485	491	571	1978
1979	483	452	441	513	877	905	511	375	335	334	295	315	485	1979
1980	348	410	475	391	183	111	124	121	128	119	224	388	251	1980
1981	423	408	285	185	123	248	283	181	214	263	301	385	274	1981
1982	487	488	322	294	378	677	518	481	355	445	586	737	477	1982
1983	753	685	836	571	302	202	290	284	285	372	451	483	438	1983
1984	539	557	544	434	388	448	483	359	314	300	324	356	417	1984
MEAN	385	391	403	428	435	490	489	391	350	388	393	390	414	MEAN

LOCATION - LAT 50 07 00 N
LONG 94 52 15 W REGULATED

DATA CONTRIBUTED BY -
ONTARIO HYDRO

WINNIPEG RIVER AT WHITEDOG FALLS POWERHOUSE - STATION NO. 05PE010

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1913	---	---	---	---	1913
1914	---	629 ON JUL 18	189 ON FEB 16	11 300 000	1914
1915	---	708 ON JUL 8	275 ON DEC 9	12 400 000	1915
1916	---	1 150 ON JUL 20	261 ON JAN 28	21 300 000	1916
1917	---	614 ON MAR 27	179 ON JUL 24	10 400 000	1917
1918	---	348 ON MAR 31	159 ON AUG 19	8 820 000	1918
1919	---	821 ON JUL 11	180 ON FEB 19	13 200 000	1919
1920	---	683 ON MAY 28	186 E ON DEC 1	12 300 000	1920
1921	---	643 ON MAY 16	218 E ON FEB 1	10 200 000	1921
1922	---	759 ON MAY 19	210 ON DEC 27	11 800 000	1922
1923	---	680 ON APR 7	198 ON JAN 22	10 300 000	1923
1924	---	317 ON MAY 16	236 ON JAN 1	9 080 000	1924
1925	---	286 ON JAN 3	147 ON MAR 28	5 770 000	1925
1926	---	852 ON NOV 7	163 ON JAN 1	11 200 000	1926
1927	---	1 570 ON JUN 2 *	238 ON DEC 26	25 800 000	1927
1928	---	773 ON JUL 21	258 ON JAN 26	14 400 000	1928
1929	---	626 ON MAR 23	254 ON JUL 26	12 400 000	1929
1930	---	388 ON JAN 19	153 ON NOV 5	8 370 000	1930
1931	---	185 ON APR 11	71 9 ON SEP 9	3 180 000	1931
1932	---	328 ON NOV 12	71 9 ON APR 4	5 320 000	1932
1933	---	847 ON APR 20	191 ON JUL 4	10 600 000	1933
1934	---	453 ON MAY 5	222 ON SEP 4	10 900 000	1934
1935	---	540 ON JUL 28	178 ON MAR 4	10 800 000	1935
1936	---	518 ON MAR 8	287 ON JAN 7	11 900 000	1936
1937	---	785 ON AUG 2	297 ON JAN 26	13 200 000	1937
1938	---	1 430 ON MAY 28	242 ON SEP 8	15 900 000	1938
1939	---	422 ON APR 23	258 ON AUG 8	---	1939
1958	---	---	---	---	1958
1959	---	513 ON DEC 16	0 ON AUG 2 *	8 460 000	1959
1960	---	456 ON APR 26	138 ON SEP 12	9 850 000	1960
1961	---	419 ON DEC 9	88 9 ON JUN 19	8 080 000	1961
1962	---	1 230 ON AUG 25	197 ON MAY 27	15 000 000	1962
1963	---	702 ON JUL 6	241 ON MAR 31	13 000 000	1963
1964	---	1 200 ON OCT 15	140 ON MAY 17	16 600 000	1964
1965	---	1 070 ON NOV 10	248 ON SEP 6	19 900 000	1965
1966	---	1 260 ON JUL 3	283 ON AUG 23	22 100 000 *	1966
1967	---	544 ON JUL 11	178 ON SEP 28	11 700 000	1967
1968	---	1 130 ON AUG 6	153 ON MAY 21	15 300 000	1968
1969	---	923 ON JUN 30	259 ON AUG 3	19 200 000	1969
1970	---	1 380 ON JUN 17	300 ON SEP 5	21 400 000	1970
1971	---	1 150 ON DEC 9	182 ON OCT 24	15 000 000	1971
1972	---	807 ON JAN 1	150 ON AUG 7	15 500 000	1972
1973	---	677 ON NOV 25	74 5 ON AUG 7	10 700 000	1973
1974	---	1 180 ON JUN 17	286 ON AUG 28	19 600 000	1974
1975	---	971 ON JUL 17	181 ON SEP 21	15 200 000	1975
1976	---	501 ON FEB 18	34 6 ON DEC 4	8 890 000	1976
1977	---	985 ON DEC 3	0 ON AUG 6	9 480 000	1977
1978	---	861 ON JUL 5	151 ON JUN 4	18 000 000	1978
1979	---	890 ON MAY 25	190 ON AUG 12	15 300 000	1979
1980	---	555 ON MAR 13	0 ON MAY 24	7 940 000	1980
1981	---	516 ON JAN 5	48 1 ON MAY 10	8 620 000	1981
1982	---	786 ON DEC 31	234 ON MAR 20	15 100 000	1982
1983	---	786 ON JAN 1	125 ON JUN 22	13 800 000	1983
1984	---	597 ON MAR 28	157 ON SEP 20	13 200 000	1984
				13 100 000	MEAN

E - ESTIMATED

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WINNIPEG RIVER BELOW LAKE OF THE WOODS OUTLETS - STATION NO. 05PE020

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1892	---	---	---	---	---	---	---	---	---	837	723	801	---	1892
1893	496	423	388	357	482	653	715	588	595	489	388	332	500	1893
1894	289	282	228	238	455	655	764	708	586	460	430	341	454	1894
1895	312	282	253	280	315	424	551	570	528	488	409	355	395	1895
1896	311	272	240	307	588	946	1 050	983	872	739	638	596	630	1896
1897	527	470	422	521	770	886	1 020	1 070	976	820	677	584	729	1897
1898	471	397	340	312	317	353	507	587	537	546	432	384	439	1898
1899	409	406	387	483	785	987	1 120	1 090	987	826	354	484	658	1899
1900	506	463	418	294	278	273	271	271	318	827	1 120	1 120	514	1900
1901	1 020	890	760	404	523	777	811	658	387	357	324	315	610	1901
1902	311	301	291	294	328	747	838	558	423	406	404	400	442	1902
1903	395	388	374	378	827	838	833	555	429	404	388	380	522	1903
1904	373	365	362	368	416	458	476	475	456	420	422	335	411	1904
1905	329	323	321	328	346	384	678	1 070	1 040	747	630	621	537	1905
1906	420	412	409	492	840	705	658	530	467	400	384	333	513	1906
1907	334	318	301	291	316	398	398	388	484	589	597	559	413	1907
1908	543	516	491	479	523	646	617	575	515	437	382	300	500	1908
1909	282	284	308	308	313	333	336	331	338	340	390	338	321	1909
1910	330	334	404	626	699	819	461	376	332	288	249	230	413	1910
1911	218	201	194	255	248	253	248	226	190	168	159	157	210	1911
1912	157	184	170	178	184	154	138	154	154	275	311	328	197	1912
1913	327	271	198	242	520	569	425	422	361	232	229	228	336	1913
1914	227	237	292	277	348	523	564	515	383	325	281	274	355	1914
1915	286	290	272	407	518	557	706	580	355	288	285	284	402	1915
1916	272	385	425	514	905	1 110	1 180	1 030	833	717	575	481	704	1916
1917	428	540	603	587	363	244	181	186	191	206	209	202	327	1917
1918	205	210	315	219	195	201	178	172	198	218	213	215	211	1918
1919	192	182	398	512	325	320	841	782	547	480	340	285	436	1919
1920	288	333	449	519	844	807	548	380	310	737	198	185	390	1920
1921	230	218	235	580	618	393	288	234	247	249	260	227	314	1921
1922	217	228	223	436	698	859	461	390	334	244	223	211	361	1922
1923	192	198	400	617	424	314	310	309	289	283	283	263	325	1923
1924	271	275	275	286	288	256	283	278	287	298	277	267	275	1924
1925	237	158	150	182	138	151	138	154	171	185	172	188	166	1925
1926	172	155	170	286	283	276	424	281	261	594	645	457	334	1926
1927	461	542	586	836	1 330	1 430	1 410	1 030	653	317	324	289	752	1927
1928	274	384	405	436	340	443	620	329	291	617	561	459	429	1928
1929	436	470	585	484	337	295	289	307	331	322	345	325	371	1929
1930	313	282	271	274	220	237	242	242	195	170	141	155	228	1930
1931	88.2	99.0	99.5	122	77.4	80.4	85.1	86.4	84.4	86.3	94.3	91.6	92.2	1931
1932	89.1	88.1	87.7	84.4	127	110	148	145	181	254	255	196	147	1932
1933	208	238	396	656	340	181	206	285	261	275	324	315	307	1933
1934	338	342	360	332	332	292	251	232	229	310	312	307	303	1934
1935	280	252	275	289	286	254	477	297	305	304	292	280	298	1935
1936	324	401	449	327	327	331	321	340	323	340	323	310	343	1936
1937	282	288	300	316	301	292	454	658	445	388	353	348	388	1937
1938	281	289	286	280	1 130	1 310	885	287	313	305	309	296	492	1938
1939	273	271	333	382	311	305	276	287	256	258	281	286	288	1939
1940	254	234	256	277	226	228	220	199	211	225	210	194	226	1940
1941	206	206	224	231	228	203	256	292	421	1 300	1 140	709	453	1941
1942	508	399	373	346	384	422	337	304	609	328	331	320	386	1942
1943	326	394	430	347	718	1 270	1 220	413	328	341	345	340	540	1943
1944	336	341	322	312	279	1 080	1 040	1 110	1 100	307	412	594	603	1944
1945	503	450	444	887	1 090	586	344	319	339	307	368	322	496	1945
1946	341	348	358	606	753	381	338	335	290	315	333	324	394	1946
1947	381	448	494	498	488	1 100	900	449	385	413	382	355	520	1947
1948	378	392	455	804	1 020	434	383	368	362	381	383	309	451	1948
1949	310	321	323	314	282	230	226	298	338	334	351	344	306	1949
1950	356	384	380	387	1 170	1 480	1 580	1 530	1 220	608	433	537	841	1950
1951	535	542	536	534	1 010	734	418	318	324	367	391	529	519	1951
1952	600	542	531	448	288	245	318	380	338	307	298	328	384	1952
1953	285	280	282	238	189	207	343	338	339	344	333	315	292	1953
1954	297	319	429	460	956	1 300	745	348	342	336	321	275	511	1954
1955	277	284	282	258	281	187	254	286	271	235	283	330	287	1955
1956	339	475	608	730	553	634	418	380	329	324	311	345	453	1956
1957	426	382	314	284	277	258	723	334	288	337	388	383	383	1957
1958	389	389	364	320	305	224	191	172	231	178	189	178	256	1958
1959	187	233	235	244	180	172	173	202	222	335	331	368	241	1959
1960	361	358	347	309	302	292	272	279	283	283	282	224	298	1960
1961	222	223	238	194	200	202	209	232	231	248	285	337	238	1961
1962	339	389	386	328	274	1 230	799	1 200	788	542	389	388	581	1962
1963	371	339	321	309	317	382	510	558	374	400	385	385	388	1963
1964	386	386	344	316	283	417	910	389	581	1 090	638	458	520	1964
1965	473	512	567	610	615	879	695	382	373	651	921	574	611	1965
1966	658	703	828	1 080	1 350	1 380	932	418	422	424	444	415	755	1966
1967	400	385	423	330	307	395	472	358	377	386	385	386	387	1967
1968	390	387	328	307	187	684	1 100	872	820	784	952	701	617	1968
1969	709	841	849	717	480	818	484	822	552	507	541	814	641	1969
1970	821	823	822	838	778	1 320	1 190	438	457	448	818	767	702	1970
1971	815	801	738	822	435	417	383	334	281	336	1 070	1 020	801	1971
1972	847	743	788	837	550	387	258	264	392	386	421	425	523	1972
1973	454	472	418	230	170	171	140	143	278	424	680	577	345	1973
1974	586	587	562	578	888	1 280	1 040	388	402	480	518	566	648	1974
1975	587	639	680	610	488	414	778	417	284	285	385	424	488	1975
1976	472	473	426	423	298	227	228	227	225	188	189	201	286	1976
1977	264	258	170	85.1	89.8	82.1	82.5	82.8	188	700	884	834	311	1977
1978	783	888	878	858	295	558	728	484	695	482	477	478	571	1978
1979	483	450	441	488	922	894	507	388	381	329	310	311	487	1979
1980	381	415	478	393	188	112	110	111	112	114	212	393	248	1980
1981	423	411	287	184	113	221	302	172	200	259	312	387	288	1981
1982	478	483	314	283	380	700	491	482	378	454	585	784	478	1982
1983	748	683	803	828	278	178	287	297	304	484	473	482	438	1983
1984	583	572	585	434	388	462	483	378	328	303	344	353	428	1984
MEAN	382	382	390	402	482	530	528	438	403	403	405	388	428	MEAN

LOCATION - LAT 48 47 00 N DRAINAGE AREA, 70 400 km²
LONG 94 30 50 W REGULATED

REMARKS - DAILY DISCHARGES OBTAINED BY SUMMATION OF FLOWS AT THE OUTLETS OF THE LAKE OF THE WOODS

WINNIPEG RIVER BELOW LAKE OF THE WOODS OUTLETS - STATION NO. 05PE020

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1892	---	---	---	---	1892
1893	---	725 ON JUL 17	297 ON DEC 31	15 800 000	1893
1894	---	778 ON JUL 17	201 ON APR 8	14 300 000	1894
1895	---	580 ON JUL 25	237 ON MAR 31	12 500 000	1895
1896	---	1 070 ON JUL 7	221 ON MAR 29	19 800 000	1896
1897	---	1 080 ON JUL 25	394 ON MAR 21	23 000 000	1897
1898	---	885 ON OCT 8	269 ON NOV 20	13 800 000	1898
1899	---	1 690 ON JUL 20 *	328 ON OCT 22	20 600 000	1899
1900	---	1 140 ON NOV 20	244 ON JUL 22	18 200 000	1900
1901	---	1 090 ON JAN 1	284 ON DEC 22	18 200 000	1901
1902	---	945 ON JUL 4	273 ON MAR 8	14 000 000	1902
1903	---	945 ON MAY 25	343 ON APR 5	18 500 000	1903
1904	---	843 ON NOV 5	311 ON DEC 25	13 000 000	1904
1905	---	1 110 ON AUG 21	300 ON MAR 19	15 900 000	1905
1906	---	884 ON APR 30	303 ON DEC 30	18 200 000	1906
1907	---	614 ON OCT 29	286 ON MAR 31	13 000 000	1907
1908	---	677 ON JUN 14	286 ON DEC 19	15 800 000	1908
1909	---	364 ON SEP 25	268 ON JAN 24	10 100 000	1909
1910	---	714 ON MAY 4	217 ON DEC 18	13 000 000	1910
1911	---	285 ON JUN 27	144 ON DEC 3	6 620 000	1911
1912	---	340 ON NOV 28	125 ON JUL 21	6 240 000	1912
1913	---	592 ON JUN 6	188 ON APR 8	10 600 000	1913
1914	---	580 ON JUL 18	200 ON JAN 25	11 200 000	1914
1915	---	745 ON JUL 28	246 ON APR 4	12 700 000	1915
1916	---	1 230 ON JUN 30	227 ON JAN 18	22 300 000	1916
1917	---	651 ON MAR 17	140 ON JUL 1	10 300 000	1917
1918	---	485 ON MAR 28	143 ON APR 14	6 680 000	1918
1919	---	912 ON JUL 8	180 ON JAN 19	13 700 000	1919
1920	---	677 ON MAY 25	158 ON DEC 25	12 300 000	1920
1921	---	671 ON MAY 12	177 ON DEC 28	9 900 000	1921
1922	---	731 ON MAY 18	152 ON DEC 10	11 400 000	1922
1923	---	731 ON APR 6	154 ON JAN 28	10 200 000	1923
1924	---	320 ON AUG 20	138 ON SEP 1	8 700 000	1924
1925	---	288 ON JAN 1	22.0 ON JUL 1	5 220 000	1925
1926	---	847 ON OCT 23	36.0 ON JUL 1	10 500 000	1926
1927	---	1 450 ON JUN 27	66.5 ON DEC 25	23 700 000	1927
1928	---	920 ON JUN 26	41.9 ON SEP 9	13 500 000	1928
1929	---	851 ON MAR 13	52.7 ON JUN 30	11 700 000	1929
1930	---	382 ON JAN 17	34.8 ON OCT 19	7 200 000	1930
1931	---	257 ON APR 1	34.0 ON OCT 4	2 910 000	1931
1932	---	328 ON NOV 17	32.6 ON JUN 19	4 660 000	1932
1933	---	783 ON APR 17	32.0 ON OCT 8	9 670 000	1933
1934	---	405 ON FEB 6	34.8 ON NOV 4	9 560 000	1934
1935	---	714 ON JUL 25	39.9 ON MAY 26	9 410 000	1935
1936	---	572 ON FEB 29	51.3 ON AUG 30	10 800 000	1936
1937	---	725 ON AUG 6	54.9 ON JUN 13	11 600 000	1937
1938	---	1 370 ON MAY 31	43.0 ON APR 15	15 500 000	1938
1939	---	438 ON APR 4	4.81 ON AUG 8 *	9 090 000	1939
1940	---	340 ON JAN 4	51.5 ON JAN 21	7 200 000	1940
1941	---	1 410 ON OCT 14	47.3 ON JUL 1	14 300 000	1941
1942	---	769 ON SEP 22	55.8 ON DEC 25	12 200 000	1942
1943	---	1 360 ON JUL 2	61.2 ON SEP 6	17 000 000	1943
1944	---	1 370 ON AUG 17	53.2 ON MAY 21	19 100 000	1944
1945	---	1 350 ON APR 26	82.0 ON OCT 14	15 800 000	1945
1946	---	908 ON MAY 27	67.1 ON JUL 1	12 400 000	1946
1947	---	1 380 ON JUN 20	76.7 ON JAN 1	18 400 000	1947
1948	---	1 320 ON MAY 10	80.4 ON SEP 6	14 300 000	1948
1949	---	389 ON DEC 30	85.6 ON JUN 19	9 840 000	1949
1950	---	1 590 ON JUL 31	215 ON NOV 19	26 500 000	1950
1951	---	1 050 ON MAY 10	132 ON OCT 7	16 400 000	1951
1952	---	585 ON JAN 9	89.2 ON JUL 1	12 100 000	1952
1953	---	396 ON SEP 30	77.6 ON FEB 1	8 200 000	1953
1954	---	1 350 ON JUN 8	99.7 ON JAN 1	16 100 000	1954
1955	---	374 ON DEC 30	98.3 ON JUN 19	8 420 000	1955
1956	---	789 ON MAY 8	118 ON SEP 3	14 300 000	1956
1957	---	554 ON AUG 1	15.5 ON SEP 15	11 400 000	1957
1958	---	419 ON JAN 3	51.3 ON OCT 5	6 120 000	1958
1959	---	402 ON NOV 11	89.1 ON JUL 26	7 600 000	1959
1960	---	399 ON JAN 8	81.0 ON DEC 4	9 350 000	1960
1961	---	375 ON DEC 12	66.8 ON JUN 4	7 420 000	1961
1962	---	1 390 ON AUG 15	75.3 ON MAY 21	18 300 000	1962
1963	---	753 ON JUL 4	92.0 ON APR 28	12 200 000	1963
1964	---	1 370 ON OCT 8	144 ON MAY 3	16 500 000	1964
1965	---	1 140 ON OCT 21	193 ON AUG 29	19 300 000	1965
1966	---	1 400 ON MAY 24	292 ON AUG 21	23 800 000	1966
1967	---	585 ON JUL 8	222 ON SEP 4	12 200 000	1967
1968	---	1 360 ON JUL 22	140 ON APR 14	19 500 000	1968
1969	---	888 ON JUN 13	193 ON MAY 26	20 200 000	1969
1970	---	1 360 ON JUN 17	303 ON SEP 7	22 100 000	1970
1971	---	1 290 ON NOV 26	231 ON SEP 6	19 000 000	1971
1972	---	884 ON FEB 11	212 ON JUL 1	16 500 000	1972
1973	---	691 ON NOV 10	125 ON JUL 26	10 800 000	1973
1974	---	1 370 ON JUN 17	340 ON AUG 16	20 500 000	1974
1975	---	1 170 ON JUL 12	276 ON SEP 7	15 600 000	1975
1976	---	496 ON FEB 16	183 ON NOV 14	9 240 000	1976
1977	---	1 100 ON NOV 29	59.7 ON JUN 16	8 800 000	1977
1978	---	906 ON JUL 4	222 ON MAY 31	16 000 000	1978
1979	---	1 000 ON JUN 13	294 ON DEC 20	15 400 000	1979
1980	---	486 ON FEB 15	70.3 ON JUL 1	7 830 000	1980
1981	---	438 ON JAN 29	101 ON MAY 5	6 500 000	1981
1982	---	784 ON DEC 22	229 ON APR 11	15 100 000	1982
1983	---	778 ON JAN 15	155 ON JUN 8	13 700 000	1983
1984	---	581 ON MAR 23	299 ON OCT 28	13 500 000	1984
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		13 400 000	MEAN

WINNIPEG RIVER WEST BRANCH, KEEWATIN RIVER BRIDGE - STATION NO. 05PE008

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1907	324	318	301	291	315	386	398	384	488	573	581	541	407	1907
1908	527	495	474	463	506	626	599	556	498	419	365	281	483	1908
1909	262	261	266	276	287	313	317	314	316	313	311	307	297	1909
1910	299	305	378	594	686	593	436	354	309	258	216	194	384	1910
1911	183	166	163	223	216	225	225	204	180	134	122	121	178	1911
1912	120	125	132	140	150	123	110	123	133	247	279	282	165	1912
1913	289	235	184	216	488	536	398	402	337	197	184	193	305	1913
1914	196	208	264	266	325	496	542	490	356	297	264	245	329	1914
1915	267	261	249	381	493	534	682	541	330	253	247	248	374	1915
1916	242	359	400	490	672	1 080	1 130	990	801	586	542	450	670	1916
1917	398	503	570	550	324	212	161	188	170	170	171	184	294	1917
1918	166	171	261	188	166	168	153	155	175	181	177	178	180	1918
1919	162	163	373	484	283	298	808	758	521	445	303	282	407	1919
1920	258	312	428	497	519	577	521	342	292	209	175	168	386	1920
1921	207	198	215	559	598	377	270	216	221	216	212	202	291	1921
1922	197	209	204	416	675	639	442	371	308	212	180	177	337	1922
1923	183	164	318	513	328	222	224	211	193	181	162	162	239	1923
1924	161	155	151	145	157	155	158	153	162	---	---	---	---	1924
MEAN	248	258	297	371	416	420	420	373	320	294	265	249	336	MEAN

LOCATION - LAT 49 46 15 N
LONG 94 33 00 W REGULATED

WINNIPEG RIVER WEST BRANCH, KEEWATIN RIVER BRIDGE - STATION NO. 05PE008

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1907	---	597 ON OCT 29	266 ON MAR 31	12 800 000	1907
1908	---	650 ON JUN 14	267 ON DEC 19	15 300 000	1908
1909	---	323 ON AUG 26	249 ON JAN 24	9 380 000	1909
1910	---	680 ON MAY 4	186 ON DEC 27	12 100 000	1910
1911	---	233 ON JUN 28	121 ON NOV 3	5 640 000	1911
1912	---	306 ON NOV 28	100 ON JUL 2 *	5 200 000	1912
1913	---	536 ON JUN 12	147 ON MAR 31	9 610 000	1913
1914	---	555 ON JUL 16	174 ON JAN 25	10 400 000	1914
1915	---	716 ON JUL 29	224 ON DEC 25	11 800 000	1915
1916	---	1 170 ON JUL 10 *	202 ON JAN 16	21 200 000	1916
1917	---	614 ON MAR 14	122 ON JUN 24	9 280 000	1917
1918	---	456 ON MAR 28	121 ON FEB 17	5 670 000	1918
1919	---	878 ON JUL 8	140 ON JAN 1	12 800 000	1919
1920	---	648 ON MAY 25	137 ON DEC 25	11 800 000	1920
1921	---	648 ON MAY 12	157 ON DEC 28	9 180 000	1921
1922	---	708 ON MAY 16	131 ON DEC 10	10 600 000	1922
1923	---	617 ON APR 5	135 ON FEB 16	7 530 000	1923
1924	---	178 ON JUL 3	117 ON APR 6	---	1924
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		10 800 000	MEAN

WIXON CREEK BELOW ALTONA - STATION NO. 02HC048

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1974	---	---	0.315	0.287	0.204	0.111	0.106	0.072	0.076	0.077	0.096	0.090	---	1974
1975	0.128	0.328	0.267	0.263	0.122	0.083	0.055	0.050	0.062	0.072	0.087	0.087	0.134	1975
1976	0.093	0.146	0.451	0.170	0.144	0.086	0.115	0.064	0.074	0.085	0.080	0.078	0.133	1976
1977	0.061	0.060	0.344	0.127	0.086	0.058	0.060	0.064	0.122	0.129	0.185	0.181	0.118	1977
1978	0.153	0.110	0.147	0.492	0.250	0.088	0.085	0.085	0.104	0.108	0.111	0.100	0.182	1978
1979	0.147	0.105	0.676	0.251	0.138	0.090	0.077	0.088	0.084	0.122	0.143	0.179	0.178	1979
1980	0.148	0.081	0.430	0.300	0.110	0.101	0.115	0.078	0.086	0.123	0.112	0.148	0.182	1980
1981	0.091	0.468	0.141	0.135	0.116	0.090	0.071	0.124	0.125	0.149	0.145	0.107	0.145	1981
1982	0.094	0.077	0.301	0.413	---	---	---	---	---	---	---	---	---	1982
MEAN	0.114	0.169	0.361	0.269	0.145	0.088	0.083	0.078	0.093	0.108	0.119	0.120	0.144	MEAN

LOCATION - LAT 43 57 36 N DRAINAGE AREA, 10.8 km^2
LONG 79 10 57 W NATURAL FLOW

WIXON CREEK BELOW ALTONA - STATION NO. 02HC048

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1974	---	1.78A ON APR 16	0.085 ON AUG 18	---	1974
1975	10.5 AT 19:26 EST ON FEB 24 *	4.73 ON FEB 24 *	0.034 ON JUL 29 *	4 220	1975
1976	5.84 AT 04:08 EST ON MAR 21	3.34 ON MAR 21	0.042 ON AUG 22	4 190	1976
1977	6.31 AT 05:08 EST ON MAR 13	2.58 ON MAR 13	0.034 ON JUL 26	3 730	1977
1978	5.49 AT 14:14 EST ON MAY 16	2.91 ON APR 7	0.051 ON JUL 26	4 780	1978
1979	5.26 AT 05:16 EST ON MAR 14	2.73 ON MAR 14	0.058 ON JUL 30	5 649	1979
1980	7.71 AT 15:29 EST ON MAR 21	4.80B ON MAR 21	0.040B ON MAR 16	4 810	1980
1981	4.20E AT 16:50 EST ON FEB 20	2.48E ON FEB 20	0.053 ON JUL 13	4 880	1981
1982	5.09 AT 14:27 EST ON MAR 31	3.66 ON MAR 31	---	---	1982
				4 880	MEAN

A - MANUAL GAUGE (SEE REFERENCE INDEX)
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WOLF RIVER AT HIGHWAY NO. 17 - STATION NO. 02AC001

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1971	5.35	4.05	3.75	27.9	47.9	18.3	4.53	1.91	1.55	7.00	14.9	8.07	12.0	1971
1972	2.78	1.77	2.15	8.77	36.4	11.3	7.29	4.29	2.12	0.692	2.26	1.41	6.84	1972
1973	1.06	0.760	1.38	17.5	19.6	8.54	5.11	8.12	10.5	8.98	10.4	8.88	8.15	1973
1974	2.46	1.47	0.959	15.1	41.4	20.8	9.73	6.59	6.47	7.30	8.68	4.08	10.3	1974
1975	3.44	2.38	2.10	10.7	27.6	15.1	4.83	1.70	1.25	2.98	4.17	3.54	6.67	1975
1976	1.78	1.43	1.46	41.1	19.8	11.8	5.12	1.72	0.713	0.859	0.741	0.529	7.19	1976
1977	0.407	0.423	2.32	20.0	11.5	8.23	7.35	2.78	20.2	18.4	11.7	8.38	9.18	1977
1978	2.18	0.467	0.553	5.84	21.0	11.7	3.42	2.20	1.98	1.74	1.01	0.751	4.43	1978
1979	0.481	0.418	0.814	15.9	37.5	7.83	2.38	1.14	0.749	0.583	2.58	1.94	8.04	1979
1980	1.30	1.00	0.648	15.0	17.0	3.33	2.94	1.89	12.7	9.73	7.71	3.31	6.37	1980
1981	1.83	1.71	1.75	18.2	14.2	13.5	5.23	1.56	0.736	1.87	1.81	0.925	5.37	1981
1982	0.578	0.428	0.403	8.02	23.8	5.42	4.60	2.31	1.81	11.3	10.7	8.82	8.40	1982
1983	2.25	1.28	2.32	8.50	22.5	8.97	5.08	1.45	0.880	6.26	7.19	5.35	6.12	1983
1984	2.19	1.89	0.952	12.9	18.1	15.2	9.68	4.83	2.60	4.23	5.16	7.38	7.09	1984
MEAN	2.01	1.40	1.53	16.0	25.6	11.5	5.66	2.89	4.58	5.83	6.22	3.94	7.28	MEAN

LOCATION - LAT 48 49 19 N DRAINAGE AREA, 736 km²
LONG 88 32 07 W NATURAL FLOW

WOLF RIVER AT HIGHWAY NO. 17 - STATION NO. 02AC001

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1971	178 AT 07:48 EST ON MAY 26 *	174 ON MAY 26 *	1.10 ON SEP 4	377 000	1971
1972	84.6 AT 15:46 EST ON MAY 3	86.7 ON MAY 3	0.184 ON OCT 2 *	210 000	1972
1973	58.3 AT 06:42 EST ON APR 23	57.2 ON APR 23	0.7088 ON FEB 16	257 000	1973
1974	72.2 AT 07:29 EST ON APR 26	69.8 ON APR 26	0.8818 ON MAR 19	325 000	1974
1975	59.5 AT 00:21 EST ON MAY 3	57.5 ON MAY 3	0.803 ON OCT 7	210 000	1975
1976	126 AT 05:10 EST ON APR 20	118 ON APR 20	0.4338 ON DEC 31	228 000	1976
1977	56.1 AT 05:37 EST ON SEP 11	54.1 ON SEP 11	0.3968 ON FEB 1	289 000	1977
1978	44.5 AT 05:33 EST ON APR 30	42.8 ON APR 30	0.4308 ON MAR 18	140 000	1978
1979	93.6 AT 11:14 EST ON MAY 12	91.5 ON MAY 12	0.3968 ON FEB 17	190 000	1979
1980	51.7 AT 04:44 EST ON APR 24	48.8 ON APR 24	0.8028 ON MAR 17	201 000	1980
1981	29.9 AT 05:58 EST ON APR 18	29.1 ON APR 18	0.475 ON DEC 31	189 000	1981
1982	49.8 AT 07:22 EST ON APR 27	47.3 ON APR 27	0.3998 ON MAR 8	202 000	1982
1983	47.0 AT 03:20 EST ON APR 30	45.9 ON APR 29	0.898 ON SEP 8	193 000	1983
1984	38.7 AT 22:44 EST ON MAY 10	36.4 ON MAY 11	0.8108 ON MAR 26	224 000	1984
				230 000	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD

WYE CREEK NEAR THORNDALE - STATION NO. 02GD013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1953	---	---	---	---	---	---	---	---	---	---	0.013	0.122	---	1953
1954	0.278	1.92	1.89	0.984	0.108	0.004	0.005	0	0	0.802	0.178	0.838	0.559	1954
1955	0.819	0.558	2.18	0.474	0.073	0	0.037	0	0	---	---	---	---	1955
1956	---	---	3.78	1.02	1.14	0.120	0.184	---	---	---	---	---	---	1956
1957	---	---	0.752	0.713	0.475	---	---	---	---	---	---	---	---	1957
1958	---	---	0.803	0.274	---	---	---	---	---	---	---	---	---	1958
1959	---	---	2.39	0.999	---	---	---	---	---	---	---	---	---	1959
1960	---	---	---	1.78	---	---	---	---	---	---	---	---	---	1960
1961	---	---	0.564	0.670	---	---	---	---	---	---	---	---	---	1961
1962	---	---	---	0.396	---	---	---	---	---	---	---	---	---	1962
1963	---	---	---	0.373	---	---	---	---	---	---	---	---	---	1963
1964	---	---	---	0.808	---	---	---	---	---	---	---	---	---	1964
1965	---	---	---	1.60	---	---	---	---	---	---	---	---	---	1965
1966	---	---	0.982	0.643	---	---	---	---	---	---	---	---	---	1966
1967	---	---	---	1.07	---	---	---	---	---	---	---	---	---	1967
1968	---	---	---	0.243	---	---	---	---	---	---	---	---	---	1968
1969	---	---	---	1.01	---	---	---	---	---	---	---	---	---	1969
1970	---	---	---	0.820	---	---	---	---	---	---	---	---	---	1970
1971	---	---	---	0.713	---	---	---	---	---	---	---	---	---	1971
1972	---	---	---	1.10	---	---	---	---	---	---	---	---	---	1972
1973	---	---	---	0.412	---	---	---	---	---	---	---	---	---	1973
1974	---	---	1.41	0.708	0.834	0.154	0.073	0	0	0.008	0.078	0.048	---	1974
1975	0.882	0.702	1.52	1.07	0.102	0.101	0.008	0.018	0.058	0.003	0.053	0.485	0.388	1975
1976	0.188	2.05	2.24	0.480	0.487	0.030	0.491	0.320	0.305	0.170	0.551	0.127	0.612	1976
1977	0.042	0.123	4.82	0.827	0.033	0.011	0.008	0.038	0.829	0.788	0.883	1.36	0.772	1977
1978	0.281	0.182	0.984	2.83	0.188	0.042	0	0	0.010	0.082	0.084	0.188	0.385	1978
1979	0.348	0.048	1.59	1.43	0.288	0.047	0.008	0.002	0.002	0.010	0.387	0.788	0.411	1979
1980	0.358	0.047	1.14	0.888	0.141	0.081	0.538	0.024	0.040	0.108	0.052	0.703	0.345	1980
1981	0.045	2.50	0.448	0.587	0.181	0.188	0.021	0.005	0.387	0.853	0.381	0.278	0.471	1981
1982	0.230	0.080	2.18	1.38	0.287	0.287	0.017	0.010	0.108	0.034	1.42	1.78	0.851	1982
1983	0.331	0.824	0.487	0.722	1.01	0.254	0.088	0.227	0.020	0.043	0.388	1.10	0.438	1983
1984	0.087	2.06	1.09	0.452	0.252	0.743	0.317	0.030	0.814	0.072	0.491	0.838	0.578	1984
MEAN	0.307	0.805	1.84	0.878	0.388	0.143	0.127	0.052	0.173	0.230	0.387	0.870	0.512	MEAN

LOCATION - LAT 43 05 30 N DRAINAGE AREA, 38.9 km²
LONG 81 09 03 W NATURAL FLOW

WYE CREEK NEAR THORNDALE - STATION NO. 02ED013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1953	---	---	---	---	1953
1954	---	15.3 ON MAR 1	0 ON MAY 31 *	17 600	1954
1955	---	14.4 ON MAR 11	0 ON MAY 27	---	1955
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	---	---	---	---	1958
1959	---	---	---	---	1959
1960	---	---	---	---	1960
1961	---	---	---	---	1961
1962	---	---	---	---	1962
1963	---	---	---	---	1963
1964	---	---	---	---	1964
1965	---	---	---	---	1965
1966	---	---	---	---	1966
1967	---	---	---	---	1967
1968	---	---	---	---	1968
1969	---	---	---	---	1969
1970	---	---	---	---	1970
1971	---	---	---	---	1971
1972	---	---	---	---	1972
1973	---	---	---	---	1973
1974	23.4 AT 03:41 EST ON MAR 5	10.8 ON MAR 5	0 ON JUL 18	---	1974
1975	16.3 AT 07:49 EST ON APR 19	8.81 ON APR 19	0 ON MAY 29	12 800	1975
1976	63.1 AT 15:25 EST ON MAR 5 *	24.8 ON MAR 5	0.001 ON JUN 23	18 300	1976
1977	42.5 AT 03:11 EST ON MAR 13	32.3 ON MAR 10 *	0 ON JUN 23	24 300	1977
1978	26.8 AT 17:36 EST ON APR 1	13.8 ON APR 1	0 ON JUL 1	12 500	1978
1979	20.2 AT 02:28 EST ON APR 14	11.4 ON APR 14	0 ON JUL 8	13 000	1979
1980	42.5 AT 04:27 EST ON JUL 8	11.3 ON JUL 8	0.002 ON JUN 27	10 800	1980
1981	18.4 AT 03:20 EST ON FEB 23	11.4 ON FEB 23	0 ON JUL 18	14 800	1981
1982	23.4 AT 11:07 EST ON DEC 25	18.0 E ON MAR 31	0 ON JUL 25	20 500	1982
1983	11.4 AT 20:48 EST ON MAY 2	8.19 ON MAY 2	0.001 ON JUL 28	13 800	1983
1984	---	17.0 B ON FEB 14	0.008 ON AUG 18	18 300	1984
				18 200	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

WYE RIVER AT WYEBRIDGE - STATION NO. 02ED011

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1973	---	---	---	---	---	---	---	---	---	---	4.18	2.25	---	1973
1974	1.77	1.52	4.57	4.70	2.77	0.901	1.14	0.849	0.848	1.05	1.59	1.15	1.87	1974
1975	1.74	1.52	3.53	4.98	1.38	0.871	0.478	0.584	0.833	0.848	0.851	1.21	1.55	1975
1976	0.818	1.58	7.92	2.24	1.02	0.575	0.834	0.882	1.26	1.41	2.49	1.14	1.83	1976
1977	1.07	0.950	7.67	2.04	0.811	0.470	0.449	0.570	0.982	1.57	2.09	2.17	1.73	1977
1978	1.59	0.823	1.31	7.38	1.41	0.785	0.482	0.441	0.568	1.25	1.13	1.05	1.52	1978
1979	1.76	1.14	7.66	3.70	1.35	0.862	0.547	0.727	0.845	1.26	2.85	3.46	2.15	1979
1980	1.32	0.820	4.51	3.95	1.40	2.07	2.14	1.18	1.17	2.42	2.12	3.37	2.21	1980
1981	1.33	5.45	1.88	1.80	2.28	1.26	0.777	1.64	1.93	2.27	2.45	1.57	2.10	1981
1982	1.50	1.18	3.01	8.58	1.34	1.69	0.805	0.788	0.703	0.818	2.43	4.32	2.28	1982
1983	2.06	2.34	3.11	3.24	2.26	0.985	0.487	0.327	0.694	1.11	1.41	1.17	1.59	1983
1984	0.987	4.83	3.28	2.51	1.38	0.762	0.697	0.604	0.920	0.829	1.50	2.80	1.73	1984
MEAN	1.44	2.10	4.40	4.10	1.55	0.988	0.801	0.743	0.941	1.35	2.09	2.14	1.87	MEAN

LOCATION - LAT 44 41 38 N
LONG 78 52 58 W
DRAINAGE AREA, 188 km^2
NATURAL FLOW

WYE RIVER AT WYEBRIDGE - STATION NO. 02ED011

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1973	---	---	---	---	1973
1974	24.7 AT 21:45 EST ON MAR 6	22.5 ON MAR 7	0.476 ON AUG 15	59 100	1974
1975	38.8 AT 05:26 EST ON APR 19	33.1 ON APR 19	0.389 ON JUL 18	48 700	1975
1976	61.3 AT 03:56 EST ON MAR 21 *	36.2 ON MAR 21	0.445 ON JUN 24	58 000	1976
1977	40.8 AT 20:53 EST ON MAR 13	37.1 ON MAR 14 *	0.328 ON MAY 25	54 800	1977
1978	22.4 AT 15:58 EST ON APR 11	15.2 ON APR 6	0.323 ON SEP 10	48 000	1978
1979	18.6 AT 04:17 EST ON DEC 25	16.6 ON MAR 24	0.386 ON JUL 20	58 000	1979
1980	34.2 AT 16:09 EST ON MAR 21	26.3 ON MAR 21	0.890 ON SEP 12	70 000	1980
1981	33.2 AT 16:14 EST ON FEB 23	32.3 ON FEB 23	0.697 ON JUL 11	68 200	1981
1982	38.6 AT 20:10 EST ON MAR 31	28.7 ON APR 1	0.248 ON SEP 12	71 300	1982
1983	9.58 AT 20:37 EST ON FEB 3	7.73 ON JAN 11	0.140 ON AUG 18 *	50 100	1983
1984	20.4 AT 09:35 EST ON DEC 29	16.2 ON DEC 29	0.601 ON AUG 28	54 700	1984
				59 000	MEAN

* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YORK RIVER NEAR BANCROFT - STATION NO. 02KD002

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1915	---	---	---	---	---	---	---	8.28	7.61	7.30	8.33	7.03	---	1915
1916	7.75	9.76	21.3	40.2	28.3	15.4	7.76	8.79	8.11	6.88	8.48	13.0	14.0	1916
1917	8.81	6.85	9.40	31.7	22.2	10.4	6.23	5.48	4.73	4.80	6.07	8.78	10.2	1917
1918	6.48	6.73	8.18	23.1	15.3	8.84	14.6	11.6	10.3	14.2	18.6	25.1	13.2	1918
1919	17.5	10.5	10.2	20.0	33.7	20.5	11.3	6.23	4.31	4.53	9.69	13.3	13.4	1919
1920	9.80	8.76	11.7	18.2	13.7	10.0	10.6	5.87	6.10	5.84	5.58	6.28	9.30	1920
1921	7.54	7.33	33.0	39.1	14.8	8.35	4.18	6.56	4.07	5.57	5.69	6.63	12.1	1921
1922	8.59	8.72	7.92	44.2	20.2	10.5	8.07	5.18	5.50	8.84	8.01	8.60	11.1	1922
1923	4.28	3.11	3.62	26.1	49.9	14.6	7.00	5.45	5.24	4.92	5.02	9.95	11.7	1923
1924	9.95	8.30	8.10	22.3	33.7	15.5	9.45	6.89	8.26	8.88	8.15	7.80	11.4	1924
1925	4.74	4.28	7.79	22.4	14.7	18.2	13.8	14.1	8.13	8.50	8.88	11.3	11.2	1925
1926	11.2	8.10	8.21	12.0	29.7	21.8	18.2	13.2	12.0	15.0	25.2	20.4	16.1	1926
1927	12.6	8.21	13.0	16.0	16.8	19.7	21.1	17.8	12.6	11.3	13.5	19.3	15.4	1927
1928	15.2	11.0	9.03	52.8	27.5	12.4	10.8	11.5	11.0	16.5	24.1	20.5	18.5	1928
1929	15.6	11.0	15.7	53.3	39.0	14.0	8.89	7.84	8.24	8.31	8.47	8.53	15.6	1929
1930	4.81	3.77	7.78	27.8	31.0	14.3	9.88	8.34	7.18	5.35	4.31	3.14	10.7	1930
1931	2.61	2.46	1.67	8.41	8.78	0.388	0.388	3.82	3.56	2.34	3.27	6.82	3.30	1931
1932	14.8	18.1	15.3	30.9	26.0	2.41	3.10	3.38	3.50	8.92	28.7	17.7	14.2	1932
1933	12.1	9.63	7.87	41.0	32.7	9.02	1.05	0.871	1.11	5.78	2.28	3.82	10.6	1933
1934	3.62	3.20	4.96	29.2	27.5	5.92	4.70	2.00	8.46	3.96	2.84	12.5	8.83	1934
1935	8.88	5.63	11.7	19.7	11.6	10.6	15.1	6.95	6.01	4.48	8.73	8.67	9.55	1935
1936	4.28	2.94	16.5	38.4	38.3	13.3	4.56	2.00	1.87	2.87	5.85	4.82	11.3	1936
1937	22.1	12.7	12.1	26.8	30.9	6.37	3.10	2.18	8.89	4.14	18.0	10.4	12.9	1937
1938	8.35	8.91	20.0	44.0	15.8	10.2	4.30	2.51	6.09	7.87	3.85	5.26	11.5	1938
1939	6.66	6.48	6.48	19.2	38.0	5.78	3.63	3.57	11.1	7.34	2.77	2.73	9.33	1939
1940	2.32	1.84	1.78	5.78	27.0	17.8	4.13	3.02	8.27	8.57	8.22	8.29	8.18	1940
1941	8.28	7.82	6.66	31.3	14.5	3.81	2.54	2.62	3.14	8.75	13.4	12.5	8.56	1941
1942	10.7	7.25	8.35	28.8	22.5	13.2	4.33	2.97	3.79	3.40	12.8	12.7	10.9	1942
1943	15.7	16.4	14.2	24.2	74.2	11.9	8.27	3.98	4.02	5.01	13.2	10.0	16.8	1943
1944	8.27	8.84	2.85	4.56	16.2	7.23	2.44	2.09	1.98	2.93	2.79	8.38	5.48	1944
1945	7.83	7.65	17.0	17.0	17.3	22.3	8.46	2.70	2.71	4.67	12.6	9.68	10.8	1945
1946	13.8	9.03	16.1	20.8	8.14	7.92	5.05	2.38	2.38	3.14	4.03	6.78	8.26	1946
1947	14.7	10.8	8.61	41.7	49.0	18.3	11.4	8.80	6.84	5.54	5.67	8.43	15.7	1947
1948	8.77	5.85	13.1	41.0	12.0	14.4	7.55	3.81	2.89	3.14	4.18	7.38	10.2	1948
1949	11.8	10.7	11.8	38.2	16.2	3.36	3.47	2.89	3.75	4.73	3.15	8.18	9.77	1949
1950	25.8	18.7	7.99	30.3	9.08	12.1	3.85	4.84	5.17	3.20	7.03	9.84	11.4	1950
1951	13.2	14.7	13.4	56.0	26.4	8.76	11.0	3.33	3.02	3.64	13.5	18.3	16.2	1951
1952	9.68	13.3	13.3	38.3	19.9	9.50	3.07	2.67	3.86	2.82	3.28	8.63	10.7	1952
1953	8.48	7.83	22.8	26.1	19.7	7.02	4.40	3.02	3.20	3.19	3.21	4.92	8.57	1953
1954	9.32	8.43	18.3	40.4	17.9	15.0	3.83	3.03	4.53	13.5	12.8	10.6	13.2	1954
1955	8.42	11.8	14.6	49.1	12.0	4.55	3.10	3.22	3.44	3.58	16.2	10 1	11.8	1955
1956	14.9	8.93	4.87	20.8	35.2	12.0	7.21	6.44	7.34	4.78	4.85	9.47	11.3	1956
1957	14.6	11.2	11.1	12.8	15.6	13.1	24.8	7.49	4.06	4.64	20.4	15.7	13.1	1957
1958	16.8	12.7	8.85	26.6	9.38	7.01	8.32	2.80	3.80	8.85	9.97	8.02	9.97	1958
1959	8.83	10.6	4.70	35.4	31.9	11.8	3.21	3.23	3.89	4.41	11.6	18.3	12.4	1959
1960	11.3	10.8	10.1	49.8	38.2	9.81	5.35	3.76	4.03	3.82	4.36	4.38	12.9	1960
1961	3.70	3.67	4.27	14.8	21.0	11.3	6.60	8.37	5.31	5.25	5.60	6.04	8.18	1961
1962	8.61	8.79	7.25	21.5	16.3	7.16	5.06	3.75	2.44	2.49	4.78	8.83	7.58	1962
1963	8.12	8.66	13.2	26.6	18.1	8.21	5.04	4.32	2.71	4.63	4.14	5.08	8.74	1963
1964	8.38	7.78	8.72	24.0	19.8	7.31	4.10	2.80	2.32	2.08	2.21	2.85	7.67	1964
1965	2.92	3.41	7.07	27.8	32.8	7.11	5.47	2.10	1.86	12.2	17.0	18.4	11.8	1965
1966	15.5	9.83	18.7	37.6	28.1	12.3	3.42	2.81	2.89	2.90	5.37	32.1	13.5	1966
1967	10.8	12.1	7.74	38.4	13.8	27.3	21.1	4.53	5.67	18.6	31.8	12.7	17.1	1967
1968	11.3	9.67	11.2	34.3	9.82	8.07	4.63	2.34	2.51	2.60	2.98	5.33	8.62	1968
1969	8.98	8.77	8.85	44.9	38.1	10.1	8.54	8.72	3.48	3.17	4.13	8.12	11.9	1969
1970	8.13	4.59	8.14	24.8	32.2	9.48	5.80	7.02	4.85	3.73	4.20	5.10	9.44	1970
1971	8.47	8.88	12.0	40.0	28.4	8.58	5.42	3.84	3.75	3.56	3.89	4.81	10.3	1971
1972	8.88	5.80	9.08	28.4	48.4	20.8	13.2	8.23	7.26	8.24	21.1	10.6	15.6	1972
1973	14.6	13.0	35.2	43.5	20.9	12.0	7.88	5.80	5.81	4.97	5.34	14.3	15.3	1973
1974	10.3	10.3	20.8	46.6	41.1	11.3	8.80	5.46	5.74	5.58	15.8	12.6	18.1	1974
1975	8.08	7.25	12.2	29.1	27.0	9.81	8.18	4.48	4.01	3.69	3.73	8.55	10.3	1975
1976	8.32	8.33	28.1	56.1	15.2	7.81	8.82	4.88	3.13	2.76	3.84	4.48	12.6	1976
1977	8.35	8.12	16.6	23.0	8.57	4.58	3.41	2.84	2.89	5.18	12.9	16.5	8.98	1977
1978	7.98	7.77	8.18	34.4	35.2	7.08	4.98	4.41	5.21	5.28	7.42	11.2	11.7	1978
1979	8.41	8.33	20.8	52.8	25.8	11.8	4.85	3.75	3.81	4.18	11.8	21.8	14.8	1979
1980	12.5	7.39	13.1	49.1	13.7	15.1	12.2	13.7	5.15	10.8	15.1	11.8	15.0	1980
1981	5.40	22.2	30.1	33.5	17.2	8.48	5.78	4.07	5.43	8.58	8.28	8.04	13.1	1981
1982	8.49	8.18	9.00	44.2	18.8	19.2	8.28	4.08	4.09	3.78	10.4	25.8	13.1	1982
1983	18.4	10.8	17.8	26.4	48.7	13.8	6.62	3.61	2.84	4.28	8.78	11.6	13.8	1983
1984	8.88	11.7	17.4	52.8	21.7	8.74	8.17	8.78	8.88	3.31	8.04	11.8	13.8	1984
MEAN	9.84	8.52	12.1	32.0	24.8	11.2	7.24	5.19	4.98	5.81	9.06	10.8	11.8	MEAN

LOCATION - LAT 45 03 06 N DRAINAGE AREA, 837 km²
LONG 77 50 42 W REGULATED

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1915	---	---	---	---	1915
1916	---	49.0 ON APR 26	3.20 ON OCT 1	441 000	1916
1917	---	43.8 ON APR 26	3.40 ON OCT 12	322 000	1917
1918	---	34.0 ON DEC 3	2.86 ON JAN 27	417 000	1918
1919	---	45.0E ON MAY 26	2.44 ON SEP 26	423 000	1919
1920	---	28.8 ON APR 4	3.51 ON OCT 17	294 000	1920
1921	---	93.7 ON MAR 30	1.61 ON JUL 2	380 000	1921
1922	---	91.2 ON APR 21	4.53 ON JUN 24	351 000	1922
1923	---	72.8 ON MAY 22	3.11 B ON FEB 1	388 000	1923
1924	---	41.1 ON MAY 5	2.89 ON NOV 4	359 000	1924
1925	---	30.0 ON APR 18	3.91 B ON JAN 30	385 000	1925
1926	---	42.5 ON MAY 12	6.06 ON MAR 28	509 000	1926
1927	---	46.6 ON JUL 26	6.94 B ON MAR 1	486 000	1927
1928	---	77.0 ON APR 14	7.78 ON SEP 5	585 000	1928
1929	---	58.8 ON APR 17	4.53 B ON DEC 1	482 000	1929
1930	---	43.6 ON MAY 4	3.14 B ON DEC 1	337 000	1930
1931	---	14.7 ON MAY 4	0.388 ON MAY 14	104 000	1931
1932	---	41.3 ON APR 24	1.84 ON JUN 4	449 000	1932
1933	---	78.7 ON APR 25	0.850 ON JUL 8	334 000	1933
1934	---	49.8 ON MAY 5	0.878 ON AUG 18	278 000	1934
1935	---	32.8 ON MAR 28	0.878 ON MAY 29	301 000	1935
1936	---	85.1 ON MAY 12	1.27 ON AUG 14	358 000	1936
1937	---	49.8 ON APR 30	1.33 ON JUL 25	408 000	1937
1938	---	57.8 ON APR 2	0.538 ON OCT 30	382 000	1938
1939	---	58.5 ON MAY 1	0.783 ON OCT 29	295 000	1939
1940	---	39.8 ON MAY 31	1.58 ON AUG 11	258 000	1940
1941	---	64.0 ON APR 21	1.67 ON AUG 24	302 000	1941
1942	---	37.1 ON MAY 24	2.12 ON SEP 27	343 000	1942
1943	---	105 ON MAY 10 *	2.15 ON OCT 10	530 000	1943
1944	---	24.2 ON MAY 26	1.25 ON SEP 3	173 000	1944
1945	---	34.3 ON MAY 20	1.76 ON JUL 29	342 000	1945
1946	---	27.8 ON APR 3	1.93 ON AUG 4	260 000	1946
1947	---	86.7 ON MAY 3	4.67 ON OCT 26	494 000	1947
1948	---	44.7 ON APR 13	1.78 ON OCT 27	321 000	1948
1949	---	48.4 ON APR 17	0.736 ON AUG 1	308 000	1949
1950	---	44.7 ON APR 17	0.028 ON SEP 22 *	358 000	1950
1951	---	98.0 ON APR 16	2.28 ON SEP 9	511 000	1951
1952	---	61.7 ON APR 23	2.27 ON AUG 29	339 000	1952
1953	---	48.7 ON APR 4	2.35 ON NOV 15	302 000	1953
1954	---	57.8 ON APR 19	1.70 ON AUG 23	417 000	1954
1955	---	93.7 ON APR 21	2.63 ON JUL 11	386 000	1955
1956	---	62.5 ON MAY 16	3.51 ON NOV 4	356 000	1956
1957	---	84.8 ON JUL 3	2.15 ON SEP 9	412 000	1957
1958	---	63.0 ON APR 22	2.63 ON AUG 20	314 000	1958
1959	---	89.7 ON MAY 1	1.10 ON JUN 28	380 000	1959
1960	---	102 ON APR 25	1.53 ON OCT 15	409 000	1960
1961	---	50.7 ON APR 27	3.54 ON APR 2	256 000	1961
1962	---	38.0 ON APR 14	1.64 ON SEP 14	239 000	1962
1963	---	53.8 ON APR 9	2.44 ON SEP 1	276 000	1963
1964	---	55.8 ON APR 23	0.576 ON OCT 25	239 000	1964
1965	---	58.3 ON MAY 4	1.15 ON SEP 5	384 000	1965
1966	---	47.9 ON APR 30	1.80 ON NOV 13	426 000	1966
1967	86.4 AT 17:30 EST ON APR 18	86.1 ON APR 19	3.06 ON AUG 20	536 000	1967
1968	70.2 AT 12:55 EST ON APR 5	67.1 ON APR 6	1.21 ON AUG 18	270 000	1968
1969	75.6 AT 14:55 EST ON APR 19	74.5 ON APR 19	2.25 ON SEP 8	375 000	1969
1970	75.3 AT 10:35 EST ON APR 27	74.5 ON APR 28	2.81 ON OCT 30	298 000	1970
1971	77.6 AT 03:40 EST ON APR 25	77.3 ON APR 25	2.60 ON OCT 21	326 000	1971
1972	82.0 AT 23:15 EST ON MAY 4	81.2 ON MAY 4	4.80 B ON JAN 16	486 000	1972
1973	81.6 AT 17:26 EST ON APR 5	80.7 ON APR 5	2.87 ON NOV 20	483 000	1973
1974	80.7 AT 08:41 EST ON MAY 16	79.5 ON MAY 16	3.43 ON OCT 8	607 000	1974
1975	79.6 AT 14:17 EST ON APR 27	79.0 ON APR 27	2.62 ON NOV 15	226 000	1975
1976	101 AT 00:25 EST ON APR 7	87.4 ON APR 7	1.21 ON SEP 21	386 000	1976
1977	82.7 AT 09:24 EST ON APR 7	49.8 ON APR 7	2.18 ON SEP 5	283 000	1977
1978	85.8 AT 16:53 EST ON APR 28	84.1 ON APR 28	2.69 ON APR 6	388 000	1978
1979	79.5 AT 02:33 EST ON APR 6	79.0 ON APR 6	1.78 ON AUG 27	489 000	1979
1980	86.1 AT 14:01 EST ON APR 15	85.3 ON APR 15	3.57 ON SEP 19	473 000	1980
1981	86.2 AT 20:57 EST ON FEB 24	82.8 ON FEB 25	2.84 ON AUG 25	413 000	1981
1982	84.6 AT 15:23 EST ON APR 20	83.7 ON APR 22	2.79 ON OCT 9	414 000	1982
1983	105 AT 01:43 EST ON MAY 10 *	102 ON MAY 10	2.04 ON SEP 10	439 000	1983
1984	75.7 AT 19:28 EST ON APR 16	74.1 ON APR 19	3.15 ON OCT 15	427 000	1984
				371 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

YOUNG CREEK NEAR VITTORIA - STATION NO. 02GC014

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1983	---	---	---	---	---	---	---	---	---	0.383	0.398	0.427	---	1983
1984	0.495	0.434	0.955	0.986	0.782	0.408	0.382	0.755	0.434	0.387	0.452	0.725	0.601	1984
1985	0.802	1.37	2.25	1.66	0.849	0.452	0.385	0.431	0.489	0.586	0.714	0.830	0.888	1985
1986	0.674	0.901	1.21	1.00	0.722	0.487	0.374	0.404	0.483	0.422	0.504	1.05	0.684	1986
1987	0.628	0.856	0.814	1.18	0.811	0.508	0.514	0.432	0.383	0.560	0.686	0.737	0.684	1987
1988	0.711	1.11	0.990	0.787	0.627	0.718	0.504	0.459	0.551	0.555	0.805	0.852	0.721	1988
1989	1.75	1.11	0.939	1.44	1.08	0.766	0.585	0.458	0.452	0.514	0.721	0.761	0.879	1989
1970	0.688	0.777	0.985	0.948	0.580	0.418	0.387	0.337	0.418	0.536	0.851	0.793	0.643	1970
1971	0.679	0.853	1.43	1.00	0.804	0.478	0.388	0.357	0.385	0.462	0.517	0.622	0.653	1971
1972	0.672	0.637	2.09	1.38	0.838	0.588	0.530	0.452	0.477	0.519	0.701	0.585	0.816	1972
1973	0.788	0.703	1.88	1.10	0.786	0.587	0.474	0.422	0.378	0.530	0.740	0.678	0.756	1973
1974	0.989	0.840	1.30	1.10	1.12	0.896	0.542	0.492	0.515	0.546	0.682	0.762	0.807	1974
1975	0.888	0.978	1.18	0.881	0.834	0.708	0.487	0.481	0.644	0.585	0.739	1.06	0.770	1975
1976	0.952	1.77	2.30	1.23	1.23	0.889	0.708	0.615	0.560	0.629	0.669	0.808	0.886	1976
1977	0.484	0.691	1.80	1.45	0.883	0.520	0.480	0.472	1.21	0.852	0.901	1.35	0.809	1977
1978	0.858	0.752	1.78	1.50	---	---	---	---	---	---	---	---	---	1978
MEAN	0.816	0.905	1.45	1.17	0.804	0.572	0.478	0.469	0.528	0.551	0.672	0.829	0.772	MEAN

LOCATION - LAT 42 45 52 N DRAINAGE AREA, 85.8 km²
LONG 80 17 45 W REGULATED

REMARKS - SEASONAL REGULATION

YOUNG CREEK NEAR VITTORIA - STATION NO. 02GC014

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1983	---	---	---	---	1983
1984	3.23 AT 18:00 EST ON AUG 23	2.50 ON AUG 24	0.241 ON JUL 30	19 000	1984
1985	13.3 AT 12:30 EST ON MAR 5 *	11.4 ON MAR 5 *	0.278 ON JUL 27	28 000	1985
1986	4.05 AT 14:45 EST ON DEC 7	2.86 ON DEC 8	0.235 ON JUN 8 *	21 500	1986
1987	3.88 AT 18:15 EST ON NOV 1	2.19 ON APR 7	0.337 ON SEP 18	21 600	1987
1988	5.92 AT 17:00 EST ON FEB 2	4.98 ON FEB 2	0.345 ON JUL 23	22 800	1988
1989	---	7.08E ON JAN 30	0.411 ON AUG 15	27 700	1989
1970	2.47 AT 08:53 EST ON NOV 5	2.02 ON APR 3	0.297 ON AUG 9	20 300	1970
1971	3.71 AT 01:45 EST ON FEB 28	2.94 ON FEB 28	0.287 ON AUG 10	20 600	1971
1972	10.6 AT 09:37 EST ON MAR 2	7.33 ON MAR 2	0.381 ON AUG 22	25 800	1972
1973	3.98 AT 03:30 EST ON MAR 18	3.57 ON MAR 15	0.331E ON SEP 8	23 800	1973
1974	4.19 AT 16:43 EST ON MAR 5	3.51 ON MAR 5	0.447 ON AUG 30	25 500	1974
1975	3.68 AT 08:53 EST ON SEP 23	3.09 ON FEB 25	0.365 ON AUG 1	24 300	1975
1976	9.28 AT 22:31 EST ON MAR 5	8.74 ON MAR 5	0.493B ON DEC 31	31 500	1976
1977	12.9 AT 17:56 EST ON SEP 26	7.76 ON SEP 26	0.377 ON JUL 29	28 700	1977
1978	9.71 AT 19:03 EST ON MAR 21	8.74 ON MAR 21	---	---	1978
				24 400	MEAN

B - ICE CONDITIONS * - EXTREME RECORDED FOR THE PERIOD OF RECORD
E - ESTIMATED

NAME	STATION NO.	PAGE
ABITIBI RIVER AT ABITIBI CANYON	04ME002	1
ABITIBI RIVER AT IROQUOIS FALLS	04MC001	3
ABITIBI RIVER AT ISLAND FALLS	04ME001	5
ABITIBI RIVER AT OWAKAWANA	04ME003	6
ABITIBI RIVER AT OTTER RAPIDS	04ME004	7
ABITIBI RIVER AT TWIN FALLS	04MC002	8
ALBANY RIVER ABOVE NOTTIK ISLAND	04GD001	9
ALBANY RIVER BELOW ACHAPI LAKE	04GC002	10
ALBANY RIVER NEAR HAT ISLAND	04HA001	11
ALDER CREEK NEAR NEW DUNDEE	02GA030	11
AMABLE DU FOND RIVER AT SAMUEL DE CHAMPLAIN PROVINCIAL PARK	02JE019	12
ARMSTRONG CREEK AT MARKDALE	02FC009	12
ASHEWEIG RIVER ABOVE LONG DOG LAKE	04DB002	13
ASHEWEIG RIVER AT STRAIGHT LAKE	04DB001	13
ATIKOKAN RIVER AT ATIKOKAN	05PB018	14
ATTAWAPISKAT RIVER BELOW ATTAWAPISKAT LAKE	04FB001	14
ATTAWAPISKAT RIVER BELOW MUKETEI RIVER	04FC001	16
AUBINADONG RIVER ABOVE SESABIC CREEK	02CB003	16
AUSABLE RIVER NEAR ARKONA	02FF001	16
AUSABLE RIVER NEAR EXETER	02FF008	16
AUSABLE RIVER NEAR SPRINGBANK	02FF002	17
AUX SABLES RIVER AT MASSEY	02CE002	18
AVON RIVER BELOW STRATFORD	02GD018	20
BAILEY CREEK NEAR BEETON	02ED004	20
BASSWOOD RIVER NEAR WINTON	05PA012	21
BATCHAWANA RIVER NEAR BATCHAWANA	02BF001	22
BAYFIELD RIVER NEAR VARNA	02FF007	23
BEAR BROOK AT CARLSBAD SPRINGS	02LB101	24
BEAR BROOK NEAR BOURGET	02LB008	24
BEAR CREEK ABOVE WILKESPORT	02GG004	25
BEAR CREEK BELOW BRIGDEN	02GG009	26
BEAR CREEK NEAR PETROLIA	02GG008	26
BEAVER CREEK NEAR MARMORA	02HK006	27
BEAVER RIVER ABOVE EUGENIA POWER HOUSE	02FB001	28
BEAVER RIVER AT EUGENIA	02FB008	29
BEAVER RIVER NEAR CLARKSBURG	02FB009	29
BEAVER RIVER NEAR FEVERSHAM	02FB004	30
BEAVER RIVER NEAR KIMBERLEY	02FB003	31
BEAVERTON RIVER NEAR BEAVERTON	02EC011	32
BEETON CREEK NEAR TOTTENHAM	02ED100	32
BELL RIVER ABOVE STURGEON LAKE	05QA005	33
BENNET CREEK AT SAULT STE. MARIE	02BF003	33
BERENS RIVER ABOVE BERENS LAKE	05RC001	34
BERRY CREEK AT THE OUTLET OF BERRY LAKE	05PD028	34
BIG CARP RIVER NEAR SAULT STE. MARIE	02BF004	35
BIG CREEK NEAR DELMI	02GC008	35
BIG CREEK NEAR KELVIN	02GC011	36
BIG CREEK NEAR PORT ROWAN	02GC001	37
BIG CREEK NEAR WALSINGHAM	02GC007	37
BIG OTTER CREEK ABOVE OTTERVILLE	02GC017	38
BIG OTTER CREEK AT TILLSONBURG	02GC010	39
BIG OTTER CREEK NEAR CALTON	02GC028	40
BIG OTTER CREEK NEAR VIENNA	02GC004	41
BIGHEAD RIVER AT MEAFORD	02FB005	41
BIGHEAD RIVER NEAR MEAFORD	02FB010	42
BLACK CREEK NEAR WESTON	02HC027	43
BLACK RAPIDS CREEK TRIBUTARY AT OTTAWA	02LA008	43
BLACK RIVER AT BALDWIN	02EC008	44
BLACK RIVER AT SUTTON	02EC012	44
BLACK RIVER NEAR ACTINOLITE	02HL003	45
BLACK RIVER NEAR MARATHON	02BB002	46
BLACK RIVER NEAR WASMAGO	02EC002	47
BLACK STURGEON RIVER AT HIGHWAY NO. 17	02AC002	49
BLACKWATER RIVER AT BEARDMORE	02AD010	49
BLANCHE RIVER ABOVE ENGLEHART	02JC008	50
BLANCHE RIVER AT SWASTIKA	02JC009	50
BLOOMFIELD CREEK AT BLOOMFIELD	02HE001	51
BLUE SPRINGS CREEK NEAR EDEN MILLS	02GA031	52
BOB CREEK NEAR MINDEN	02HF004	52
BONNECHERE RIVER AT GOLDEN LAKE	02KC002	53
BONNECHERE RIVER AT RENFREW	02KC003	53
BONNECHERE RIVER NEAR CASTLEFORD	02KC009	54
BONNECHERE RIVER NEAR EGANVILLE	02KC001	55
BOSTON CREEK NEAR DANE	02JC007	56
BOSTON CREEK NEAR YORK	02GB005	56
BOWMANVILLE CREEK AT BOWMANVILLE	02HD006	56
BOYLE DRAIN NEAR ATWOOD	02FE010	57
BOYNE RIVER AT EARL ROWE PARK	02ED102	58
BRIGHTSAND RIVER AT MOBERLEY	04GB005	58
BRONTE CREEK AT PROGRESTON	02HB018	59
BRONTE CREEK NEAR ZIMMERMAN	02HB011	59
BROUGHAM CREEK AT BROUGHAM	02HC044	60
BURNLEY CREEK ABOVE WARKWORTH	02HK009	60
BURNT RIVER NEAR BURNT RIVER	02HF003	61
CANAGAGIGUE CREEK NEAR ELMIRA	02GA023	62
CANAGAGIGUE CREEK NEAR FLORADALE	02GA036	63
CANARD RIVER NEAR LUKERVILLE	02GH003	63
CARP RIVER NEAR KINBURN	02KF011	64
CARRICK CREEK NEAR CARLSRUHE	02FC011	64
CASTOR RIVER AT RUSSELL	02LB006	65
CAT RIVER BELOW WESLEYAN LAKE	04GA002	66
CATARAQUI RIVER AT CHAFFEYS LOCKS	02MA002	67
CATFISH CREEK NEAR SPARTA	02GC014	67
CEDAR CREEK AT WOODSTOCK	02ED011	68
CEDAR RIVER BELOW WABASKANG LAKE	05QE008	68
CHIPPEWA CREEK AT NORTH BAY	02DD014	70
CHUKUNI RIVER NEAR EAR FALLS	05QC001	70
CLARE RIVER NEAR BOGART	02HL102	71
CLYDE RIVER AT GORDON RAPIDS	02KF013	72
CLYDE RIVER NEAR LANARK	02KF010	72
COLD CREEK AT ORLAND	02HK007	73
COLD CREEK NEAR BOLTON	02HC023	73
COLDWATER RIVER AT COLDWATER	02ED007	74
COLLINS CREEK NEAR KINGSTON	02HM008	75
COMMANDA CREEK NEAR COMMANDA	02DD015	75
CONESTOGO RIVER ABOVE DRAYTON	02GA038	76
CONESTOGO RIVER AT DRAYTON	02GA017	76
CONESTOGO RIVER AT GLEN ALLAN	02GA028	77
CONESTOGO RIVER AT ST. JACOBS	02GA006	78
CONESTOGO RIVER NEAR CONESTOGO	02GA013	78
CONISTON CREEK ABOVE WANAPITEI RIVER	02DB007	78
CONISTON CREEK NEAR CONISTON	02DB004	79
CONSECON CREEK AT ALLISONVILLE	02HE002	80
CREDIT RIVER ALTON BRANCH ABOVE ALTON	02HB019	80
CREDIT RIVER AT BOSTON MILLS	02HB016	81
CREDIT RIVER AT ERINDALE	02HB002	81
CREDIT RIVER ERIN BRANCH ABOVE ERIN	02HB030	82

INDEX (CONT.)

NAME	STATION NO.	PAGE
CREDIT RIVER NEAR CATARACT	02HB001	83
CREDIT RIVER NEAR ORANGEVILLE	02HB013	85
CREDIT RIVER WEST BRANCH AT NORVAL	02HB008	85
CROWE RIVER AT MARMORA	02HK003	86
CROWE RIVER NEAR GLEN ALDA	02HK005	87
CURRENT RIVER NEAR STEPSTONE	02AB015	88
DEDRICK CREEK NEAR PORT ROWAN	02GC013	88
DEE RIVER AT DEE BANK	02EB105	89
DEMORESTVILLE CREEK AT DEMORESTVILLE	02HE003	89
DEPOT CREEK AT BELLROCK	02HM002	90
DINGMAN CREEK BELOW LAMBETH	02GE005	91
DON RIVER AT TODMORDEN	02HC024	91
DON RIVER AT YORK MILLS	02HC005	92
DUCHESNAY RIVER NEAR NORTH BAY	02DD008	93
DUFFINS CREEK ABOVE PICKERING	02HC019	94
DUFFINS CREEK AT PICKERING	02HC008	95
EAGLE RIVER AT EAGLE RIVER	050D003	96
EAST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT	02LB012	97
EAST CANAGAGIGUE CREEK NEAR FLORADALE	03EA035	98
EAST CASTOR RIVER NEAR RUSSELL	02LB021	98
EAST HUMBER RIVER AT KING CREEK	02HC032	99
EAST HUMBER RIVER NEAR KLEINBURG	02HC010	99
EAST HUMBER RIVER NEAR PINE GROVE	02HC009	100
EAST OAKVILLE CREEK NEAR OMAGH	02HB004	101
EAST RIVER NEAR HUNTSVILLE	02EB013	101
EAST TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER	02KA010	102
EELS CREEK BELOW APSLEY	02HN001	102
EKWAN RIVER BELOW NORTH WASHAGAMI RIVER	04EA001	103
ENGLEHART RIVER NEAR CHARLTON	02JC003	104
ENGLEHART RIVER NEAR ENGLEHART	02JC001	104
ENGLISH RIVER AT CARIBOU FALLS	050E005	105
ENGLISH RIVER AT EAR FALLS	050E006	107
ENGLISH RIVER AT MANITOU FALLS	050E007	108
ENGLISH RIVER AT PINE RIDGE	050B007	109
ENGLISH RIVER AT UMFREVILLE	050A002	110
ENGLISH RIVER NEAR SIOUX LOOKOUT	050A001	112
ERAMOSA RIVER ABOVE GUELPH	02EA029	114
ETOBICOKE CREEK AT BRAMPTON	02HC017	115
ETOBICOKE CREEK BELOW QUEEN ELIZABETH HIGHWAY	02HC030	116
ETOBICOKE CREEK NEAR SUMMERVILLE	02HC002	116
FAIRCHILD CREEK NEAR BRANTFORD	02GB007	117
FAIRCHILD CREEK NEAR ONONDAGA	02GB004	118
FALL RIVER NEAR FALLBROOK	02KF014	118
FAREWELL CREEK AT OSHAWA	02HD014	118
FARR CREEK AT NORTH COBALT	02JE018	119
FAWN RIVER BELOW BIG TROUT LAKE	04CE002	119
FISH CREEK NEAR PROSPECT HILL	02GD010	120
FISHERS CREEK NEAR FISHERS GLEN	02GC023	121
FOOTPRINT RIVER AT RAINY LAKE FALLS	05PB004	122
FREDERICK HOUSE RIVER AT FREDERICK HOUSE LAKE DAM	04MD002	122
FREDERICK HOUSE RIVER AT FREDERICKHOUSE	04MD001	123
FRENCH RIVER AT CHAUDIERE DAM	02DD017	124
FRENCH RIVER AT DRY PINE BAY	02DD010	124
FRENCH RIVER AT FRENCH RIVER	02DB004	125
FRENCH RIVER AT LAKE NIPISSING	02DD007	126
FRENCH RIVER AT PORTAGE DAM	02DD016	127
GALT CREEK AT GALT	02GA008	127
GANARASKA RIVER ABOVE DALE	02HD012	128
GANARASKA RIVER AT PORT HOPE	02HD001	128
GANARASKA RIVER NEAR DALE	02HD002	129
GANARASKA RIVER NEAR OSACA	02HD003	130
GANATSEKIAGON CREEK NEAR BROUGHAM	02HC042	130
GANATSEKIAGON CREEK NEAR PICKERING	02HC114	131
GOULAIS RIVER NEAR SEARCHMONT	02BF002	131
GRAND RIVER ABOVE LAKE BELWOOD	02GA027	132
GRAND RIVER AT BELWOOD	02GA001	132
GRAND RIVER AT BRANTFORD	02GB001	133
GRAND RIVER AT CONESTOGO	02GA002	134
GRAND RIVER AT GALT	02GA003	136
GRAND RIVER AT GLEN MORRIS	02GA004	137
GRAND RIVER AT WALDEMAR	02GA022	138
GRAND RIVER AT WEST MONTROSE	02GA034	138
GRAND RIVER AT YORK	02GB002	139
GRAND RIVER BELOW SHAND DAM	02GA016	140
GRAND RIVER NEAR MARSVILLE	02GA014	141
GRAVEL RIVER NEAR CAVERS	03AE001	141
GREENWATER CREEK AT OUTLET OF GREENWATER LAKE	02AB013	142
GRINDSTONE CREEK ABOVE HIGHWAY NO. 403	02HB006	143
GRINDSTONE CREEK NEAR ALDERSHOT	02HB012	144
GROUNDHOG RIVER AT FAUQUIER	04LD001	145
GROUNDHOG RIVER AT NORWOOD LAKE	04LC001	147
GULL RIVER AT NORLAND	02HF002	148
HALFWAY CREEK AT MOOSONEE	04KA002	148
HARMONY CREEK AT OSHAWA	02HD013	149
HARRIS CREEK NEAR HAISCOOT	02EA008	149
HARRIS RIVER AT HIGHWAY NO. 69	02EA013	150
HAWKROCK RIVER AT GRAVENHURST	02EB104	150
HEMLOCK CREEK NEAR PORT BURWELL	02GC026	151
HIGHLAND CREEK NEAR WEST HILL	02HC013	151
HOLLAND RIVER AT HOLLAND LANDING	02EC009	152
HORNER CREEK NEAR PRINCETON	02GB006	153
HUMBER RIVER ABOVE EAST HUMBER RIVER	02HC007	154
HUMBER RIVER AT ELDER MILLS	02HC025	154
HUMBER RIVER AT WESTON	02HC003	155
HUMBER RIVER AT WOODBRIDGE	02HC011	156
HUMBER RIVER NEAR CEDAR MILLS	02HC012	157
HUMBER RIVER NEAR PALGRAVE	02HC047	157
INDIAN RIVER NEAR BLAKENEY	03KF012	158
INDIAN RIVER NEAR PEMBROKE	02KC014	158
IRVINE RIVER NEAR SALEM	02EA005	159
JACKSONS CREEK AT PETERSBOROUGH	02HJ001	159
JOCK RIVER NEAR RICHMOND	02LA007	160
JUNCTION CREEK AT SUDBURY	02CF005	161
JUNCTION CREEK BELOW KELLEY LAKE	02CF012	161
KABINAKAGAMI RIVER AT HIGHWAY NO. 11	04JA002	162
KABINAKAGAMI RIVER NEAR KABINA	04JA001	163
KAGAWONG RIVER AT KAGAWONG	02CG001	163
KAIBUSKONG RIVER AT BONFIELD	02JE006	164
KAMINISTIQUIA RIVER AT KAKABEKA FALLS POWERHOUSE	02AB010	165
KAMINISTIQUIA RIVER AT KAMINISTIQUIA	02AB008	167
KAMINISTIQUIA RIVER AT OUTLET OF DOG LAKE	02AB004	169

NAME	STATION NO.	PAGE
KAMINISTIQUIA RIVER AT STANLEY	02AB007	170
KAMINISTIQUIA RIVER NEAR DONA	02AB001	171
KAPUSKASING RIVER AT KAPUSKASING	04LF001	173
KASHABOWIE RIVER AT OUTLET OF KASHABOWIE LAKE	02AB013	175
KATABOKOKONK CREEK ABOVE LOCUST HILL	02HC036	176
KAWINOGANS RIVER NEAR PICKLE CROW	04FA002	176
KEMPTVILLE CREEK NEAR KEMPTVILLE	02LA006	177
KENNY CREEK NEAR BURFORD	02GB008	177
KENOGAMI RIVER AT KENOGAMI DAM	04JD002	178
KENOGAMI RIVER NEAR MAMMAMATTAWA	04JG001	179
KETTLE CREEK AT ST. THOMAS	02GC002	180
KETTLE RIVER ABOVE KETTLE FALLS	05PA001	181
KWATABOAHEGAN RIVER NEAR THE MOUTH	04KA001	181
LA VALLEE RIVER AT LA VALLEE	05PC009	182
LA VALLEE RIVER NEAR DEVLIN	05PC016	183
LA VASE RIVER AT NORTH BAY	02DD013	183
LADY EVELYN RIVER AT LADY EVELYN LAKE	02JD011	184
LAKE 114 OUTLET NEAR KENORA	05PD014	185
LAKE 120 OUTLET NEAR KENORA	05PD016	186
LAKE 223 OUTLET NEAR KENORA	05QD017	186
LAKE 224 OUTLET NEAR KENORA	05QD018	186
LAKE 225 OUTLET NEAR KENORA	05QD019	187
LAKE 226 OUTLET NEAR KENORA	05QD015	187
LAKE 227 OUTLET NEAR KENORA	05QD008	188
LAKE 230 OUTLET NEAR KENORA	05QD011	188
LAKE 238 OUTLET NEAR KENORA	05PD023	189
LAKE 238, LOWER EAST INLET, NEAR KENORA	05PD024	189
LAKE 238, UPPER EAST INLET, NEAR KENORA	05PD025	190
LAKE 240 OUTLET NEAR KENORA	05PD015	190
LAKE 261 OUTLET NEAR KENORA	05QD012	191
LAKE 285 OUTLET NEAR KENORA	05QD013	191
LAKE 302 OUTLET NEAR KENORA	05QD023	192
LAKE 303 OUTLET NEAR KENORA	05PD019	192
LAKE 470 OUTLET NEAR KENORA	05PD017	193
LAKE 861 OUTLET NEAR KENORA	05PD028	193
LAKE COUCHICHING OUTFLOW AT WASHAGO	02EC017	194
LAKE OF THE WOODS EASTERN OUTLET AT KENORA POWERHOUSE	05PE008	196
LAKE OF THE WOODS OUTLET AT BOAT LIFT CHANNEL	05PE003	198
LAKE OF THE WOODS OUTLET AT MILL 'C' KEEWATIN	05PE004	200
LAKE OF THE WOODS OUTLET AT MINK CREEK	05PE005	201
LAKE OF THE WOODS WESTERN OUTLET AT NORMAN DAM AND POWERHOUSE	05PE011	203
LAKE ST. JOSEPH DIVERSION AT ROOT PORTAGE	05QB006	205
LAKE ST. JOSEPH OUTFLOW TO ALBANY RIVER	04GA001	206
LANDER RIVER ABOVE RAVEN LAKE	02JC010	207
LAUREL CREEK AT WATERLOO	02GA024	208
LITTLE CASTOR RIVER NEAR EMBRUN	02LB014	208
LITTLE CURRENT RIVER AT PERCY LAKE	04JF001	209
LITTLE DON RIVER AT DON MILLS	02HC028	210
LITTLE DON RIVER NEAR LANSING	02HC004	210
LITTLE FRENCH RIVER AT FREEFLOWING CHANNEL	02DD018	211
LITTLE FRENCH RIVER AT LITTLE CHAUDIERE DAM	02DD019	211
LITTLE FRENCH RIVER AT OKIKENDAWT ISLAND	02DD020	212
LITTLE MAITLAND RIVER AT BLUEVALE	02FE007	212
LITTLE NORDIC CREEK AT ELLIOT LAKE	02CD007	213
LITTLE OTTER CREEK NEAR STRAFFORDVILLE	02GC015	213
LITTLE PIC RIVER NEAR COLDWELL	02BA003	214
LITTLE RIVER AT WINDSOR	02GH011	214
LITTLE ROUGE CREEK AT ROUGE HILL	02HC014	214
LITTLE ROUGE CREEK AT SCARBOROUGH	02HC104	215
LITTLE ROUGE CREEK NEAR LOCUST HILL	02HC028	215
LITTLE WHITE RIVER BELOW BOLAND RIVER	02CC010	216
LITTLE WHITE RIVER NEAR BELLINGHAM	02CC005	217
LONG LAKE DIVERSION TO LAKE SUPERIOR	04JD003	218
LONG-LEGGED RIVER BELOW LONG-LEGGED LAKE	05QE012	220
LUCKNOW RIVER AT LUCKNOW	02FD002	221
LUTTERAL CREEK NEAR DUSTIC	02GA033	221
LYN CREEK NEAR LYN	02MB006	222
LYNDE CREEK NEAR WHITBY	02HC018	223
LYNDHURST CREEK AT LYNDHURST	02MA001	223
LYNN RIVER AT SIMCOE	02GC008	224
MAD RIVER NEAR GLENCAIRN	02ED005	225
MADAWASKA RIVER AT BARK LAKE DAM	02KD007	226
MADAWASKA RIVER AT CALABOGIE	02KE003	227
MADAWASKA RIVER AT CLAY BANK	02KE004	228
MADAWASKA RIVER AT MADAWASKA	02KD001	228
MADAWASKA RIVER AT PALMER RAPIDS	02KD004	230
MADAWASKA RIVER AT STEWARTVILLE	02KE005	232
MADAWASKA RIVER AT WHITNEY	02KD006	233
MADAWASKA RIVER NEAR ARNPRIOR	02KE002	233
MAGNETAWAN RIVER AT MAPLE ISLAND	02EA008	234
MAGNETAWAN RIVER NEAR BRITT	02EA011	235
MAGNETAWAN RIVER NEAR BURK'S FALLS	02EA006	236
MAGNETAWAN RIVER NEAR BYNG INLET	02EA007	237
MAGPIE RIVER AT STEEP HILL FALLS	02BD001	238
MAGPIE RIVER NEAR MICHIPICOTEN	02BD003	238
MAITLAND RIVER ABOVE WINGHAM	02FE005	240
MAITLAND RIVER AT BENMILLER	02FE001	241
MAITLAND RIVER BELOW WINGHAM	02FE002	242
MAITLAND RIVER NEAR DONNYBROOK	02FE004	243
MAITLAND RIVER NEAR HARRISTON	02FE011	244
MAJOR CREEK ABOVE GREEN RIVER	02HC037	244
MANITOU RIVER ABOVE DEVIL'S CASCADE	05PB003	244
MARIPOSA BROOK NEAR LITTLE BRITAIN	02HE001	248
MARTEN RIVER AT WICKSTEED LAKE DAM	02BC008	248
MATABITCHUAN RIVER AT RABBIT LAKE DAM	02JE021	246
MATTAGAMI RIVER AT LITTLE LONG RAPIDS	04LE003	247
MATTAGAMI RIVER AT SMOKY FALLS	04LE001	248
MATTAGAMI RIVER AT SMOOTH ROCK FALLS	04LB001	250
MATTAGAMI RIVER AT TIMMINS	04LA001	251
MATTAGAMI RIVER NEAR TIMMINS	04LA002	252
MATTAWA RIVER BELOW BOUILLON LAKE	02JE020	252
MATTAWA RIVER NEAR RUTHERGLEN	02JE014	253
MCGREGOR CREEK NEAR CHATHAM	02EE007	253
MCINTYRE RIVER AT THUNDER BAY	02AB018	254
MCKENZIE CREEK NEAR CALEDONIA	02GB010	255
MEDWAY RIVER AT LONDON	02GD008	256
MICHELL CREEK BELOW CLAREMONT	02HC045	257
MICHIPICOTEN RIVER AT HIGH FALLS	02BD002	258
MIDDLE MAITLAND RIVER ABOVE ETHEL	02FE013	259
MIDDLE MAITLAND RIVER NEAR BELGRAVE	02FE008	260
MIDDLE MAITLAND RIVER NEAR LISTOWEL	02FE003	261
MIDDLE SEVERN RIVER AT WASHAGO	02EC013	262
MIDDLE THAMES RIVER AT THAMESFORD	02GD004	263
MILL CREEK NEAR RED WING	02FD008	264
MILLHAVEN CREEK NEAR MILLHAVEN	02HM008	264
MIMICO CREEK AT ISLINGTON	02HC033	265
MINISTIC CREEK NEAR AGNEW LAKE MINE	02CE103	265

NAME	STATION NO.	PAGE
MISSINAIBI RIVER AT MATTICE	04LJ001	286
MISSINAIBI RIVER BELOW WABOOSE RIVER	04LM001	287
MISSISSAGI RIVER AT IRON BRIDGE	02CC002	268
MISSISSAGI RIVER AT MISSISSAGI	02CC004	268
MISSISSAGI RIVER AT MISSISSAGI CHUTE	02CC004	269
MISSISSAGI RIVER AT RAYNER GENERATING STATION	02CC007	270
MISSISSAGI RIVER AT RED ROCK FALLS	02CC008	271
MISSISSAGI RIVER AT ROCKY ISLAND LAKE	02CB002	272
MISSISSAGI RIVER BELOW AUBREY FALLS	02CB001	273
MISSISSAGI RIVER BELOW IRON BRIDGE	02CC003	273
MISSISSAGI RIVER NEAR WHARNCLIFFE	02CC006	274
MISSISSAGUA RIVER BELOW MISSISSAGUA LAKE	02HH002	274
MISSISSIPPI RIVER AT APPLETON	02KF006	275
MISSISSIPPI RIVER AT FERGUSONS FALLS	02KF001	276
MISSISSIPPI RIVER AT GALETTA	02KF002	277
MISSISSIPPI RIVER AT RAGGED CHUTE	02KF007	277
MISSISSIPPI RIVER NEAR SNOW ROAD STATION	02KF003	278
MOIRA RIVER AT TWEED	02HL101	279
MOIRA RIVER NEAR DELORO	02HL005	279
MOIRA RIVER NEAR FOXBORO	02HL001	281
MOIRA RIVER NEAR THOMASBURG	02HL104	282
MONTREAL RIVER AT ALGOMA CENTRAL AND HUDSON BAY RAILWAY	02BE001	283
MONTREAL RIVER AT ELK LAKE	02JD004	283
MONTREAL RIVER AT INDIAN CHUTE	02JD006	284
MONTREAL RIVER AT INDIAN CHUTE PLANT	02JD005	285
MONTREAL RIVER AT LOWER NOTCH GENERATING STATION	02JD010	286
MONTREAL RIVER AT MOUNTAIN CHUTES	02JD009	287
MONTREAL RIVER AT UPPER NOTCH GENERATING STATION	02JD008	288
MONTREAL RIVER NEAR ELK LAKE	02JD002	289
MONTREAL RIVER NEAR MONTREAL RIVER HARBOUR	02BE002	290
MOON RIVER AT HIGHWAY NO. 69	02EB011	291
MOON RIVER AT ISLAND FALLS	02EB009	292
MOOSE CREEK AT LEVACK	02CF013	293
MOOSE RIVER ABOVE MOOSE RIVER	04LG004	293
MOOSE RIVER AT MOOSE RIVER	04LG002	294
MORAY CREEK NEAR PARKHILL	02FF005	295
MOUNT PLEASANT CREEK NEAR BURTCH	02GB011	295
MUSKOKA RIVER AT HIGHWAY NO. 69	02EB012	296
MUSKOKA RIVER AT RAGGED RAPIDS	02EB010	297
MUSKOKA RIVER BELOW BALA	02EB008	298
MUSKOKA RIVER NEAR BALA	02EB005	299
MUSKRAT RIVER NEAR PEMBROKE	02KC015	300
MUSWABIK RIVER AT OUTLET OF MUSWABIK LAKE	04GF001	300
NAGAGAMI RIVER AT HIGHWAY NO. 11	04JC002	301
NAGAGAMI RIVER NEAR AMESON	04JC001	302
NAMAKAN RIVER AT OUTLET OF LAC LA CROIX	05PA006	303
NANTICOKE CREEK AT NANTICOKE	02GC022	305
NAPANEE RIVER AT CAMDEN EAST	02HM007	305
NAPANEE RIVER NEAR NAPANEE	02HM001	306
NEEBING RIVER NEAR THUNDER BAY	02AB008	307
NIAGARA RIVER AT QUEENSTON	02HA003	309
NIPIGON RIVER AT PINE PORTAGE	02AD004	312
NIPIGON RIVER BELOW VIRGIN FALLS	02AD006	313
NIPIGON RIVER NEAR CAMERON FALLS	02AD002	313
NITH RIVER ABOVE NITHBURG	02GA038	314
NITH RIVER AT NEW HAMBURG	02GA018	315
NITH RIVER NEAR CANNING	02GA010	316
NOLIN CREEK AT SUDBURY	02CF009	317
NORBERG CREEK (SITE A) ABOVE BATCHAWANA RIVER	02BF005	318
NORBERG CREEK (SITE B) AT OUTLET OF TURKEY LAKE	02BF006	318
NORBERG CREEK (SITE C) AT OUTLET OF LITTLE TURKEY LAKE	02BF007	319
NORBERG CREEK (SITE D) BELOW WISHART LAKE	02BF008	319
NORBERG CREEK (SITE E) BELOW BATCHAWANA LAKE	02BF009	319
NORBERG CREEK (SITE F) AT OUTLET OF BATCHAWANA LAKE	02BF012	320
NORDIC MINE TAILINGS DITCH (SITE 1) NEAR ELLIOT LAKE	02CD008	320
NORDIC MINE TAILINGS DITCH (SITE 2) NEAR ELLIOT LAKE	02CD009	320
NORDIC MINE TAILINGS DITCH (SITE 3) NEAR ELLIOT LAKE	02CD010	320
NORTH BRANCH MUSKOKA RIVER AT PORT SYDNEY	02EB004	321
NORTH BRANCH MUSKOKA RIVER NEAR PORT SYDNEY	02EB007	323
NORTH BRANCH SOUTH NATION RIVER NEAR HECKSTON	02LB017	323
NORTH CREEK AT DELHI	02GC008	324
NORTH CURRENT RIVER NEAR THUNDER BAY	02AB014	324
NORTH FRENCH RIVER NEAR THE MOUTH	04MF001	325
NORTH MAGNETAWAN RIVER ABOVE PICKEREL LAKE	02EA010	326
NORTH MAGNETAWAN RIVER NEAR BURK'S FALLS	02EA005	327
NORTH SAUGEEN RIVER NEAR PAISLEY	02FC013	329
NORTH THAMES RIVER AT LONDON	02GD007	329
NORTH THAMES RIVER AT ST. MARYS	02GD005	330
NORTH THAMES RIVER BELOW FANSHAWE DAM	02GD003	332
NORTH THAMES RIVER NEAR MITCHELL	02GD014	334
NORTH THAMES RIVER NEAR THORNDALE	02GD015	335
NORTH WEST SAMARASKA RIVER NEAR OSACA	02HD004	336
NORTHWEST TRIBUTARY TO LAKE 239 NEAR KENORA	05PD022	337
NOTTAWASAGA RIVER NEAR ALLISTON	02ED101	337
NOTTAWASAGA RIVER NEAR BAXTER	02ED003	338
NOTTAWASAGA RIVER NEAR NICOLSTON	02ED001	339
O.A.C. FARM GAUGE NO. 2 NEAR MERLIN	02GF001	339
O.A.C. FARM GAUGE NO. 5 AT GUELPH	02GA032	340
O.W.R.C. RESEARCH STATION NO. 1 NEAR STAYNER	02ED004	340
O.W.R.C. RESEARCH STATION NO. 2 NEAR STAYNER	02ED006	341
OAKVILLE CREEK AT MILTON	02HB005	341
OGOKI RIVER ABOVE WHITECLAY LAKE	04GB004	342
OGOKI RIVER AT WABOOSE FALLS DAM	04GB001	343
OGOKI RIVER DIVERSION TO LAKE NIPIGON	02AD005	344
ONAPING RIVER NEAR LEVACK	02CF010	346
OPICHUAN RIVER AT KELLOW LAKE	04GD002	347
OSHAWA CREEK AT OSHAWA	02HD004	347
OTONABEE RIVER AT LAKEFIELD	02NJ002	348
OTOSKWIN RIVER BELOW BADESDAWA LAKE	04FA001	349
OTTAWA RIVER AT BRITANNIA	02KF005	350
OTTAWA RIVER AT CHATS FALLS	02KF008	351
OTTAWA RIVER AT DES JOACHIMS	02KA002	353
OTTAWA RIVER AT LA CAVE RAPIDS	02JE012	354
OTTAWA RIVER NEAR TIMISKAMING	02JE003	355
OUSE RIVER NEAR WESTWOOD	02NJ003	356
OXTONGUE RIVER NEAR DWIGHT	02EB014	357
PAGWACHUAN RIVER AT HIGHWAY NO. 11	04JD005	357
PARKHILL CREEK ABOVE PARKHILL RESERVOIR	02FF006	358
PARKHILL CREEK NEAR PARKHILL	02FF003	358
PARKS CREEK NEAR LATTA	02HL103	359
PASHKOKOGAN RIVER AT OUTLET OF PASHKOKOGAN LAKE	04GA003	360
PATTERSON CREEK NEAR SIMCOE	02EC012	360
PAYNE RIVER NEAR BERWICK	02LB022	361
PEFFERLAW BROOK NEAR UDORA	02EC103	361
PERCH LAKE INLET NO. 1 NEAR CHALK RIVER	02KA004	362
PERCH LAKE INLET NO. 2 NEAR CHALK RIVER	02KA005	363

NAME	STATION NO.	PAGE
PERCH LAKE INLET NO. 3 NEAR CHALK RIVER	02KA006	383
PERCH LAKE INLET NO. 4 NEAR CHALK RIVER	02KA007	384
PERCH LAKE INLET NO. 5 NEAR CHALK RIVER	02KA008	385
PERCH LAKE OUTLET NEAR CHALK RIVER	02KA003	385
PETAWAWA RIVER NEAR PETAWAWA	02KB001	387
PETTICOAT CREEK NEAR DUNBARTON	02HC105	388
PIC RIVER NEAR MARATHON	02BB003	369
PIGEON RIVER AT MIDDLE FALLS	02AA001	370
PINE RIVER AT LURGAN	02FD001	371
PINE RIVER NEAR CROOKS	02AA002	372
PINE RIVER NEAR EVERETT	02ED103	372
PINEIMUTA RIVER AT EYES LAKE	04FA003	373
PINEWOOD RIVER NEAR PINEWOOD	05PC011	374
PIPESTONE RIVER ABOVE RAINY LAKE	05PB015	375
PIPESTONE RIVER AT KARL LAKE	04DA001	375
PORCUPINE RIVER AT HOYLE	04MD004	376
RAINY RIVER AT FORT FRANCES	05PC019	377
RAINY RIVER AT MANITOU RAPIDS	05PC018	378
RAISIN RIVER NEAR WILLIAMSTOWN	02MC001	381
RAWDON CREEK NEAR WEST HUNTINGDON	02MK008	381
REDHILL CREEK AT HAMILTON	02HA014	382
REESOR CREEK ABOVE GREEN RIVER	02MC039	382
REESOR CREEK NEAR ALTONA	02MC040	383
RIDEAU RIVER ABOVE SMITHS FALLS	02LA005	383
RIDEAU RIVER AT OTTAWA	02LA004	384
RIDEAU RIVER BELOW MANOTICK	02LA012	385
RIDEAU RIVER BELOW MERRICKVILLE	02LA011	386
RIVIERE BEAUDETTE NEAR GLEN NEVIS	02MC026	386
ROCHESTER CREEK ABOVE QUIRKE LAKE	02CD005	386
ROCKY SAUGEEN RIVER NEAR MARKDALE	02FC005	387
ROCKY SAUGEEN RIVER NEAR TRAVERSTON	02FC004	387
ROOT RIVER AT SAULT STE. MARIE	02CA002	388
ROSEBERRY RIVER ABOVE ROSEBERRY LAKES	04CA003	389
ROSSEAU RIVER AT HIGHWAY NO. 141	02EB103	389
ROUGE RIVER AT ROUGE HILL	02HC015	390
ROUGE RIVER AT SCARBOROUGH	02HC103	390
ROUGE RIVER NEAR MARKHAM	02HC022	390
RUSCOM RIVER NEAR RUSCOM STATION	02GH002	391
SACHIGO RIVER BELOW BEAVERSTONE RIVER	04CD001	392
SACHIGO RIVER BELOW OUTLET OF SACHIGO LAKE	04CD002	392
SALMON RIVER NEAR SHANNONVILLE	02HM003	393
SAUBLE RIVER AT SAUBLE FALLS	02FA001	394
SAUGEEN RIVER ABOVE DURHAM	02FC018	394
SAUGEEN RIVER NEAR DURHAM	02FC014	395
SAUGEEN RIVER NEAR PORT ELGIN	02FC001	396
SAUGEEN RIVER NEAR WALKERTON	02FC002	398
SAWMILL CREEK AT OTTAWA	02LA013	399
SCHNEIDER CREEK AT KITCHENER	02GA037	400
SCHOMBERG RIVER NEAR SCHOMBERG	02EC010	400
SEGUIN RIVER NEAR PARRY SOUND	02EA001	401
SEINE RIVER AT STURGEON FALLS GENERATING STATION	05PB009	401
SEINE RIVER NEAR LA SEINE	05PB001	402
SERPENT RIVER ABOVE QUIRKE LAKE	02CD008	403
SERPENT RIVER AT HIGHWAY NO. 17	02CD001	403
SERPENT RIVER AT OUTLET OF DUNLOP LAKE	02CD002	404
SERPENT RIVER BELOW PECORS LAKE	02CD004	404
SERPENT RIVER BELOW QUIRKE LAKE	02CD003	405
SEVERN RIVER ABOVE WASDELL FALLS	02EC014	405
SEVERN RIVER AT BIG FALLS	02EC008	406
SEVERN RIVER AT LIMESTONE RAPIDS	04CC001	406
SEVERN RIVER AT LITTLE FALLS	02EC007	407
SEVERN RIVER AT OUTLET OF MUSKRAT DAM LAKE	04CA002	408
SEVERN RIVER AT SEVERN BRIDGE	02EC001	408
SEVERN RIVER AT SWIFT RAPIDS	02EC003	409
SEVERN RIVER AT WASHAGO	02EC005	410
SEVERN RIVER BELOW OUTLET OF DEER LAKE	04CA004	410
SEVERN RIVER BELOW WASHAGO	02EC004	411
SHAMATTAWA RIVER AT OUTLET OF SHAMATTAWA LAKE	04DC002	412
SHAWANAGA RIVER AT HIGHWAY NO. 69	02EA012	412
SHEBANDOWAN RIVER AT GLENWATER	02AB006	413
SHEBANDOWAN RIVER AT OUTLET OF SHEBANDOWAN LAKE	02AB011	414
SHEBANDOWAN RIVER AT SUNSHINE	02AB008	416
SHEBANDOWAN RIVER NEAR KAMINISTIQUIA	02AB002	416
SHEKAK RIVER AT HIGHWAY NO. 11	04JC003	417
SHELTER VALLEY BROOK NEAR GRAFTON	02HD010	418
SHIPKA CREEK NEAR GRAND BEND	02FF008	419
SILVER CREEK NEAR COPENHAGEN	02GC024	420
SKOOTAMATTA RIVER NEAR ACTINOLITE	02HL004	420
SOPER CREEK AT BOWMANVILLE	02HD007	421
SOUTH BRANCH MUSKOKA RIVER AT BAYSVILLE	02EB008	422
SOUTH BRANCH MUSKOKA RIVER AT BLACK BRIDGE	02EB002	423
SOUTH BRANCH MUSKOKA RIVER AT MATHIAS	02EB003	424
SOUTH CASTOR RIVER AT KENMORE	02LB020	425
SOUTH INDIAN CREEK NEAR LIMOGES	02LB019	425
SOUTH MAITLAND RIVER AT SUMMERHILL	02FE008	426
SOUTH NATION RIVER AT CASSELMAN	02LB013	426
SOUTH NATION RIVER AT CHESTERVILLE	02LB008	427
SOUTH NATION RIVER AT SPENCERVILLE	02LB007	428
SOUTH NATION RIVER NEAR PLANTAGENET SPRINGS	02LB005	430
SOUTH OTTER CREEK NEAR PORT BURWELL	02GC018	432
SOUTH PARKHILL CREEK NEAR PARKHILL	02FF004	432
SOUTH RAISIN RIVER DIVERSION AT LONG SAULT	02MC008	433
SOUTH RIVER ABOVE TRUISLER CHUTE	02DD002	434
SOUTH RIVER AT SOUTH RIVER	02DD009	435
SOUTH RIVER NEAR NIPISSING	02DD005	436
SOUTH RIVER NEAR POWASSAN	02DD001	437
SOUTH SAUGEEN RIVER NEAR HANOVER	02FC012	438
SPANISH RIVER AT ESPANOLA	02CE001	439
SPANISH RIVER AT HIGH FALLS	02CE004	441
SPANISH RIVER AT WEBBWOOD	02CE003	442
SPEED RIVER ABOVE GUELPH	02GA020	443
SPEED RIVER AT GUELPH	02GA011	443
SPEED RIVER AT HESPELER	02GA008	444
SPEED RIVER BELOW GUELPH	02GA015	445
SPEED RIVER NEAR ARMSTRONG MILLS	02GA040	446
SPEED RIVER NEAR ERAMOSA	02GA012	446
SPEED RIVER NEAR GUELPH	02GA007	446
SPENCER CREEK AT DUNDAS	02HB007	447
SPENCER CREEK AT DUNDAS CROSSING	02HB010	447
SPENCER CREEK NEAR WESTOVER	02HB015	448
ST. LAWRENCE RIVER AT CORNWALL	02MC002	449
ST. LAWRENCE RIVER AT IROQUOIS	02MB005	450
ST. MARYS RIVER AT SAULT STE. MARIE	02CA001	453
STEEL RIVER NEAR TERRACE BAY	02BA002	456
STOKES RIVER NEAR FERNDALE	02FA002	456
STOUFFVILLE CREEK BELOW STOUFFVILLE	02HC035	457
STURGEON CREEK NEAR LEAMINGTON	02GH001	457

INDEX (CONT.)

NAME	STATION NO.	PAGE
STURGEON RIVER AT CRYSTAL FALLS	02DC003	458
STURGEON RIVER AT LOWER GOOSE FALLS	02DC011	458
STURGEON RIVER AT MCDOUGALL MILLS	050A004	460
STURGEON RIVER AT OUTLET OF SALVESEN LAKE	050E008	461
STURGEON RIVER AT SMOKY FALLS	02DC001	461
STURGEON RIVER BELOW SMOKY FALLS	02DC002	462
STURGEON RIVER NEAR BARWICK	05PC010	462
STURGEON RIVER NEAR GLEN AFTON	02DC004	463
SYDENHAM RIVER AT FLORENCE	02GB003	464
SYDENHAM RIVER AT STRATHROY	02GG005	464
SYDENHAM RIVER NEAR ALVINSTON	02GG002	465
SYDENHAM RIVER NEAR DRESDEN	02GG007	466
SYDENHAM RIVER NEAR OWEN SOUND	02FB007	467
TAY RIVER AT PORT ELMSLEY	02LA016	468
TAY RIVER BELOW BOBS LAKE	02LA017	469
TAY RIVER NEAR GLEN TAY	02LA001	469
TEESWATER RIVER NEAR PAISLEY	02FC015	469
TEMAGAMI RIVER AT CROSS LAKE DAM	02DC007	470
TEMAGAMI RIVER AT RED CEDAR LAKE DAM	02DC008	472
TEMAGAMI RIVER NEAR RIVER VALLEY	02DC005	473
THAMES RIVER AT BYRON	02GE002	474
THAMES RIVER AT INGERSOLL	02GD018	476
THAMES RIVER AT INNERKIP	02GD021	476
THAMES RIVER AT KILWORTH	02GE001	477
THAMES RIVER AT THAMESVILLE	02GE003	478
THAMES RIVER AT WOODSTOCK	02GD012	479
THAMES RIVER NEAR DUTTON	02GE006	480
THAMES RIVER NEAR EALING	02GD001	481
THAMES RIVER NEAR INGERSOLL	02GD006	483
THREE MILE CREEK AT MOUNT HOPE	02HA018	483
TOMIKO RIVER AT OUTLET OF TOMIKO LAKE	02DC006	484
TRENT CANAL LOCK 42 NEAR WASHAGO	02EC018	484
TRENT RIVER AT GLEN ROSS	02HK004	485
TRENT RIVER AT HEALEY FALLS	02HK002	486
TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER	02KA008	487
TROUT CREEK NEAR FAIRVIEW	02GD019	487
TROUT CREEK NEAR ST. MARYS	02GD009	488
TROUTLAKE RIVER BELOW BIG FALLS	050C003	489
TURKEY CREEK AT WINDSOR	02GH004	489
TURTLE RIVER NEAR MINE CENTRE	05PB014	490
TWENTY MILE CREEK AT BALLS FALLS	02HA008	492
URPE CREEK NEAR BROUGHAM	02HC043	492
UXBRIDGE BROOK AT UXBRIDGE	02EC101	493
VENISON CREEK NEAR BIG CREEK	02GC008	493
VENISON CREEK NEAR WALSINGHAM	02GC021	494
VERMILION RIVER AT LORNE FALLS	02CF004	495
VERMILION RIVER BELOW KUSK LAKE	02CF002	497
VERMILION RIVER NEAR CAPREOL	02CF100	497
VERMILION RIVER NEAR VAL CARON	02CF011	498
VEUVE RIVER NEAR VERNER	02CF001	98
	02DD012	499
WABIGOON RIVER AT DRYDEN	050D018	499
WABIGOON RIVER AT WABIGOON FALLS	050D001	500
WABIGOON RIVER BELOW RAILWAY BRIDGE, NEAR QUIBELL	050D002	500
WABIGOON RIVER NEAR DRYDEN	050D010	501
WABIGOON RIVER NEAR QUIBELL	050D008	502
WANAPETEI RIVER NEAR STINSON	02DB006	503
WANAPITEI RIVER AT MCVITTIES	02DB002	503
WANAPITEI RIVER NEAR CONISTON	02DB003	504
WANAPITEI RIVER NEAR WANAPITEI	02DB001	504
WANAPITEI RIVER NEAR WANUP	02DB005	505
WANAPITEI RIVER OUTLET WANAPITEI LAKE	02DA001	506
WATABEAG RIVER AT WATABEAG LAKE DAM	04MB003	507
WAUBUNO CREEK NEAR DORCHESTER	02GD020	508
WELLAND CANAL DIVERSION FROM LAKE ERIE	02HA019	509
WELLAND RIVER BELOW CAISTOR CORNERS	02HA007	509
WELLAND RIVER NEAR MOUNT HOPE	02HA015	510
WEST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT	02LB018	510
WEST DUFFINS CREEK ABOVE GREEN RIVER	02HC038	511
WEST DUFFINS CREEK AT GREEN RIVER	02HC026	511
WEST DUFFINS CREEK NEAR ALTONA	02HC041	512
WEST DUFFINS CREEK NEAR PICKERING	02HC106	512
WEST HUMBER RIVER AT HIGHWAY NO. 7	02HC031	513
WEST HUMBER RIVER BELOW CLAIREVILLE DAM	02HC034	514
WEST HUMBER RIVER NEAR THISTLETOWN	02HC008	514
WEST MONTREAL RIVER AT MISTINIKON LAKE DAM	02JD012	515
WHITE RIVER AT BERTRAND	02BC002	516
WHITE RIVER AT REGAN	02BC003	517
WHITE RIVER BELOW WHITE LAKE	02BC004	517
WHITEFISH RIVER AT NOLALU	02AB017	518
WHITEMANS CREEK NEAR BURFORD	02GB003	518
WHITEMANS CREEK NEAR MOUNT VERNON	02GB006	519
WHITSON RIVER AT CHELMSFORD	02CF007	520
WHITSON RIVER AT VAL CARON	02CF008	521
WILLOW CREEK ABOVE LITTLE LAKE	02ED009	521
WILLOW CREEK AT MIDHURST	02ED010	522
WILMOT CREEK NEAR NEWCASTLE	02HD009	522
WILTON CREEK NEAR NAPANEE	02HM004	523
WINDIGO RIVER ABOVE MUSKRAT DAM LAKE	04CB001	524
WINISK RIVER AT KANUCHUAN RAPIDS	04DA002	524
WINISK RIVER BELOW ASHEWEIG RIVER TRIBUTARY	04DC001	525
WINNIPEG RIVER ABOVE BOUNDARY FALLS	05PF051	526
WINNIPEG RIVER AT WHITEDOG FALLS POWERHOUSE	05PE010	527
WINNIPEG RIVER BELOW LAKE OF THE WOODS OUTLETS	05PE020	528
WINNIPEG RIVER WEST BRANCH, KEEWATIN RIVER BRIDGE	05PE008	531
WIXON CREEK BELOW ALTONA	02HC048	531
WOLF RIVER AT HIGHWAY NO. 17	02AC001	532
WYE CREEK NEAR THORNDALE	02GD013	532
WYE RIVER AT WYEBRIDGE	02ED011	533
YORK RIVER NEAR BANCROFT	02KB002	534
YOUNG CREEK NEAR VITTORIA	02GC014	536

STATION NO	NAME	PAGE
02AA001	PIGEON RIVER AT MIDDLE FALLS	370
02AA002	PINE RIVER NEAR CROOKS	372
02AB001	KAMINISTIQUIA RIVER NEAR DONA	171
02AB002	SHEBANDOWAN RIVER NEAR KAMINISTIQUIA	416
02AB004	KAMINISTIQUIA RIVER AT OUTLET OF DOG LAKE	169
02AB005	SHEBANDOWAN RIVER AT GLENWATER	413
02AB006	KAMINISTIQUIA RIVER AT KAMINISTIQUIA	167
02AB007	KAMINISTIQUIA RIVER AT STANLEY	170
02AB008	NEEBING RIVER NEAR THUNDER BAY	307
02AB009	SHEBANDOWAN RIVER AT SUNSHINE	418
02AB010	KAMINISTIQUIA RIVER AT KAKABEKA FALLS POWERHOUSE	165
02AB011	SHEBANDOWAN RIVER AT OUTLET OF SHEBANDOWAN LAKE	414
02AB012	GREENWATER CREEK AT OUTLET OF GREENWATER LAKE	142
02AB013	KASHABOWIE RIVER AT OUTLET OF KASHABOWIE LAKE	175
02AB014	NORTH CURRENT RIVER NEAR THUNDER BAY	324
02AB015	CURRENT RIVER NEAR STEPSTONE	88
02AB016	MCINTYRE RIVER AT THUNDER BAY	254
02AB017	WHITEFISH RIVER AT NOLALU	518
02AC001	WOLF RIVER AT HIGHWAY NO. 17	532
02AC002	BLACK STURGEON RIVER AT HIGHWAY NO. 17	49
02AD002	NIPIGON RIVER NEAR CAMERON FALLS	313
02AD006	NIPIGON RIVER BELOW VIRGIN FALLS	313
02AD008	NIPIGON RIVER AT PINE PORTAGE	312
02AD009	OGOKI RIVER DIVERSION TO LAKE NIPIGON	345
02AD010	BLACKWATER RIVER AT BEARDMORE	49
02AE001	GRAVEL RIVER NEAR CAVERS	141
02BA002	STEEL RIVER NEAR TERRACE BAY	458
02BA003	LITTLE PIC RIVER NEAR COLDWELL	214
02BB002	BLACK RIVER NEAR MARATHON	48
02BB003	PIC RIVER NEAR MARATHON	269
02BC002	WHITE RIVER AT BERTRAND	516
02BC003	WHITE RIVER AT REGAN	517
02BC004	WHITE RIVER BELOW WHITE LAKE	517
02BD001	MAGPIE RIVER AT STEEP HILL FALLS	238
02BD002	MICHIPICOTEN RIVER AT HIGH FALLS	258
02BD003	MAGPIE RIVER NEAR MICHIPICOTEN	239
02BE001	MONTREAL RIVER AT ALGOMA CENTRAL AND HUDSON BAY RAILWAY	283
02BE002	MONTREAL RIVER NEAR MONTREAL RIVER HARBOUR	290
02BF001	BATCHAWANA RIVER NEAR BATCHAWANA	22
02BF002	GOULAIS RIVER NEAR SEARCHMONT	131
02BF003	BENNET CREEK AT SAULT STE. MARIE	33
02BF004	BIG CARP RIVER NEAR SAULT STE. MARIE	35
02BF005	NORBERG CREEK (SITE A) ABOVE BATCHAWANA RIVER	318
02BF006	NORBERG CREEK (SITE B) AT OUTLET OF TURKEY LAKE	318
02BF007	NORBERG CREEK (SITE C) AT OUTLET OF LITTLE TURKEY LAKE	319
02BF008	NORBERG CREEK (SITE D) BELOW WISHART LAKE	319
02BF009	NORBERG CREEK (SITE E) BELOW BATCHAWANA LAKE	319
02BF012	NORBERG CREEK (SITE F) AT OUTLET OF BATCHAWANA LAKE	320
02CA001	ST. MARYS RIVER AT SAULT STE. MARIE	463
02CA002	ROOT RIVER AT SAULT STE. MARIE	388
02CB001	MISSISSAGI RIVER BELOW AUBREY FALLS	273
02CB002	MISSISSAGI RIVER AT ROCKY ISLAND LAKE	272
02CB003	AUBINADONG RIVER ABOVE SESABIC CREEK	16
02CC002	MISSISSAGI RIVER AT IRON BRIDGE	268
02CC003	MISSISSAGI RIVER BELOW IRON BRIDGE	273
02CC004	MISSISSAGI RIVER AT MISSISSAGI	268
02CC005	LITTLE WHITE RIVER NEAR BELLINGHAM	217
02CC006	MISSISSAGI RIVER NEAR WHARNCLIFFE	274
02CC007	MISSISSAGI RIVER AT RAYNER GENERATING STATION	270
02CC008	MISSISSAGI RIVER AT MISSISSAGI CHUTE	269
02CC009	MISSISSAGI RIVER AT RED ROCK FALLS	271
02CC010	LITTLE WHITE RIVER BELOW BOLAND RIVER	218
02CD001	SERPENT RIVER AT HIGHWAY NO. 17	403
02CD002	SERPENT RIVER AT OUTLET OF DUNLOP LAKE	404
02CD003	SERPENT RIVER BELOW QUIRKE LAKE	405
02CD004	SERPENT RIVER BELOW PECORS LAKE	404
02CD005	ROCHESTER CREEK ABOVE QUIRKE LAKE	386
02CD006	SERPENT RIVER ABOVE QUIRKE LAKE	403
02CD007	LITTLE NORDIC CREEK AT ELLIOT LAKE	213
02CD008	NORDIC MINE TAILINGS DITCH (SITE 1) NEAR ELLIOT LAKE	320
02CD009	NORDIC MINE TAILINGS DITCH (SITE 2) NEAR ELLIOT LAKE	320
02CD010	NORDIC MINE TAILINGS DITCH (SITE 3) NEAR ELLIOT LAKE	320
02CE001	SPANISH RIVER AT ESPANOLA	439
02CE002	AUX SABLES RIVER AT MASSEY	18
02CE003	SPANISH RIVER AT WEBBWOOD	442
02CE004	SPANISH RIVER AT HIGH FALLS	441
02CE103	MINISTIC CREEK NEAR AGNEW LAKE MINE	268
02CF001	VERMILION RIVER NEAR WHITEFISH	488
02CF002	VERMILION RIVER BELOW KUSK LAKE	487
02CF004	VERMILION RIVER AT LORNE FALLS	486
02CF005	JUNCTION CREEK AT SUDBURY	181
02CF007	WHITSON RIVER AT CHELMSFORD	520
02CF008	WHITSON RIVER AT VAL CARON	521
02CF009	NOLIN CREEK AT SUDBURY	317
02CF010	ONAPING RIVER NEAR LEVACK	348
02CF011	VERMILION RIVER NEAR VAL CARON	488
02CF012	JUNCTION CREEK BELOW KELLEY LAKE	181
02CF013	MOOSE CREEK AT LEVACK	283
02CF100	VERMILION RIVER NEAR CAPREOL	487
02CG001	KAGAWONG RIVER AT KAGAWONG	183
02DA001	WANAPITEI RIVER OUTLET WANAPITEI LAKE	508
02DB001	WANAPITEI RIVER NEAR WANAPITEI	504
02DB002	WANAPITEI RIVER AT MCVITTIES	503
02DB003	WANAPITEI RIVER NEAR CONISTON	504
02DB004	CONISTON CREEK NEAR CONISTON	79
02DB005	WANAPITEI RIVER NEAR WANUP	505
02DB006	WANAPETEI RIVER NEAR STINSON	503
02DB007	CONISTON CREEK ABOVE WANAPITEI RIVER	79
02DC001	STURGEON RIVER AT SMOKY FALLS	481
02DC002	STURGEON RIVER BELOW SMOKY FALLS	482
02DC003	STURGEON RIVER AT CRYSTAL FALLS	482
02DC004	STURGEON RIVER NEAR GLEN AFTON	483
02DC005	TEMAGAMI RIVER NEAR RIVER VALLEY	473
02DC006	TOMIKO RIVER AT OUTLET OF TOMIKO LAKE	484
02DC007	TEMAGAMI RIVER AT CROSS LAKE DAM	470
02DC008	TEMAGAMI RIVER AT RED CEDAR LAKE DAM	472
02DC009	MARTEN RIVER AT WICKSTEED LAKE DAM	246
02DC011	STURGEON RIVER AT LOWER GOOSE FALLS	459
02DD001	SOUTH RIVER NEAR POWASSAN	437
02DD002	SOUTH RIVER ABOVE TRUISLER CHUTE	434
02DD004	FRENCH RIVER AT FRENCH RIVER	126
02DD006	SOUTH RIVER NEAR NIPISSING	436
02DD007	FRENCH RIVER AT LAKE NIPISSING	126
02DD008	DUCHESNAY RIVER NEAR NORTH BAY	93
02DD009	SOUTH RIVER AT SOUTH RIVER	436
02DD010	FRENCH RIVER AT DRY PINE BAY	124
02DD012	VEUVE RIVER NEAR VERNER	488
02DD013	LA VASE RIVER AT NORTH BAY	183
02DD014	CHIPPEWA CREEK AT NORTH BAY	70

INDEX (CONT.)

STATION NO.	NAME	PAGE
02DD015	COMMANDA CREEK NEAR COMMANDA	75
02DD016	FRENCH RIVER AT PORTAGE DAM	127
02DD017	FRENCH RIVER AT CHAUDIERE DAM	126
02DD018	LITTLE FRENCH RIVER AT FREEFLOWING CHANNEL	211
02DD019	LITTLE FRENCH RIVER AT LITTLE CHAUDIERE DAM	211
02DD020	LITTLE FRENCH RIVER AT OKIKENDAWT ISLAND	212
02EA001	SEGUIN RIVER NEAR PARRY SOUND	401
02EA005	NORTH MAGNETAWAN RIVER NEAR BURK'S FALLS	327
02EA006	MAGNETAWAN RIVER NEAR BURK'S FALLS	236
02EA007	MAGNETAWAN RIVER NEAR BYNG INLET	237
02EA008	MAGNETAWAN RIVER AT MAPLE ISLAND	236
02EA009	HARRIS CREEK NEAR NAISCOOT	149
02EA010	NORTH MAGNETAWAN RIVER ABOVE PICKEREL LAKE	328
02EA011	MAGNETAWAN RIVER NEAR BRITT	235
02EA012	SHAWANAGA RIVER AT HIGHWAY NO. 69	412
02EA013	HARRIS RIVER AT HIGHWAY NO. 69	150
02EB002	SOUTH BRANCH MUSKOKA RIVER AT BLACK BRIDGE	423
02EB003	SOUTH BRANCH MUSKOKA RIVER AT MATHIAS	424
02EB004	NORTH BRANCH MUSKOKA RIVER AT PORT SYDNEY	321
02EB005	MUSKOKA RIVER NEAR BALA	299
02EB006	MUSKOKA RIVER BELOW BALA	298
02EB007	NORTH BRANCH MUSKOKA RIVER NEAR PORT SYDNEY	323
02EB008	SOUTH BRANCH MUSKOKA RIVER AT BAYSVILLE	422
02EB009	MOON RIVER AT ISLAND FALLS	292
02EB010	MUSKOKA RIVER AT RAGGED RAPIDS	297
02EB011	MOON RIVER AT HIGHWAY NO. 69	291
02EB012	MUSKOKA RIVER AT HIGHWAY NO. 69	296
02EB013	EAST RIVER NEAR HUNTSVILLE	101
02EB014	OXTONGUE RIVER NEAR DWIGHT	357
02EB103	ROSSEAU RIVER AT HIGHWAY NO. 141	369
02EB104	HAWKROCK RIVER AT GRAVENHURST	150
02EB105	DEE RIVER AT DEE BANK	89
02EC001	SEVERN RIVER AT SEVERN BRIDGE	408
02EC002	BLACK RIVER NEAR WASHAGO	47
02EC003	SEVERN RIVER AT SWIFT RAPIDS	409
02EC004	SEVERN RIVER BELOW WASHAGO	411
02EC005	SEVERN RIVER AT WASHAGO	410
02EC006	SEVERN RIVER AT BIG FALLS	408
02EC007	SEVERN RIVER AT LITTLE FALLS	407
02EC008	BLACK RIVER AT BALDWIN	44
02EC009	HOLLAND RIVER AT HOLLAND LANDING	152
02EC010	SCHOMBERG RIVER NEAR SCHOMBERG	400
02EC011	BEAVERTON RIVER NEAR BEAVERTON	32
02EC012	BLACK RIVER AT SUTTON	44
02EC013	MIDDLE SEVERN RIVER AT WASHAGO	262
02EC014	SEVERN RIVER ABOVE WASDELL FALLS	405
02EC015	TRENT CANAL LOCK 42 NEAR WASHAGO	484
02EC017	LAKE COUCHICHING OUTFLOW AT WASHAGO	194
02EC101	UXBRIDGE BROOK AT UXBRIDGE	493
02EC103	PEFFERLAW BROOK NEAR UDORA	361
02ED001	NOTTAWASAGA RIVER NEAR NICOLSTON	338
02ED003	NOTTAWASAGA RIVER NEAR BAXTER	336
02ED004	BAILEY CREEK NEAR BEETON	20
02ED005	MAD RIVER NEAR GLENCAIRN	226
02ED006	O.W.R.C. RESEARCH STATION NO. 1 NEAR STAYNER	340
02ED007	COLDWATER RIVER AT COLDWATER	74
02ED008	O.W.R.C. RESEARCH STATION NO. 2 NEAR STAYNER	341
02ED009	WILLOW CREEK ABOVE LITTLE LAKE	521
02ED010	WILLOW CREEK AT MIDHURST	522
02ED011	WYE RIVER AT WYEBRIDGE	533
02ED100	BEETON CREEK NEAR TOTTENHAM	32
02ED101	NOTTAWASAGA RIVER NEAR ALLISTON	337
02ED102	BOYNE RIVER AT EARL ROWE PARK	58
02ED103	PINE RIVER NEAR EVERETT	372
02FA001	SAUBLE RIVER AT SAUBLE FALLS	384
02FA002	STOKES RIVER NEAR FERNDALE	455
02FB001	BEAVER RIVER ABOVE EUGENIA POWER HOUSE	28
02FB003	BEAVER RIVER NEAR KIMBERLEY	31
02FB004	BEAVER RIVER NEAR FEVERSHAM	30
02FB005	BIGMEAD RIVER AT MEAFORD	41
02FB006	MILL CREEK NEAR RED WING	264
02FB007	SYDENHAM RIVER NEAR OWEN SOUND	467
02FB008	BEAVER RIVER AT EUGENIA	29
02FB009	BEAVER RIVER NEAR CLARKSBURG	39
02FB010	BIGMEAD RIVER NEAR MEAFORD	42
02FC001	SAUGEEN RIVER NEAR PORT ELGIN	396
02FC002	SAUGEEN RIVER NEAR WALKERTON	386
02FC004	ROCKY SAUGEEN RIVER NEAR TRAVERSTON	387
02FC005	ROCKY SAUGEEN RIVER NEAR MARKDALE	387
02FC009	ARMSTRONG CREEK AT MARKDALE	12
02FC011	CARRICK CREEK NEAR CARLSRUHE	64
02FC012	SOUTH SAUGEEN RIVER NEAR HANOVER	436
02FC013	NORTH SAUGEEN RIVER NEAR PAISLEY	329
02FC014	SAUGEEN RIVER NEAR DURHAM	395
02FC015	TEESWATER RIVER NEAR PAISLEY	469
02FC016	SAUGEEN RIVER ABOVE DURHAM	394
02FD001	PINE RIVER AT LURGAN	371
02FD002	LUCKNOW RIVER AT LUCKNOW	221
02FE001	MAITLAND RIVER AT BENMILLER	241
02FE002	MAITLAND RIVER BELOW WINGHAM	242
02FE003	MIDDLE MAITLAND RIVER NEAR LISTOWEL	261
02FE004	MAITLAND RIVER NEAR DONNYBROOK	243
02FE005	MAITLAND RIVER ABOVE WINGHAM	240
02FE007	LITTLE MAITLAND RIVER AT BLUEVALE	212
02FE008	MIDDLE MAITLAND RIVER NEAR BELGRAVE	260
02FE009	SOUTH MAITLAND RIVER AT SUMMERHILL	426
02FE010	BOYLE DRAIN NEAR ATWOOD	57
02FE011	MAITLAND RIVER NEAR HARRISTON	244
02FE013	MIDDLE MAITLAND RIVER ABOVE ETHEL	259
02FF001	AUSABLE RIVER NEAR ARKONA	15
02FF002	AUSABLE RIVER NEAR SPRINGBANK	17
02FF003	PARKHILL CREEK NEAR PARKHILL	359
02FF004	SOUTH PARKHILL CREEK NEAR PARKHILL	432
02FF005	MORAY CREEK NEAR PARKHILL	295
02FF006	SNIPKA CREEK NEAR GRAND BEND	419
02FF007	BAYFIELD RIVER NEAR VARNA	23
02FF008	PARKHILL CREEK ABOVE PARKHILL RESERVOIR	358
02FF009	AUSABLE RIVER NEAR EXETER	16
02GA001	GRAND RIVER AT BELWOOD	133
02GA002	GRAND RIVER AT CONESTOGO	134
02GA003	GRAND RIVER AT GALT	138
02GA004	GRAND RIVER AT GLEN MORRIS	137
02GA005	IRVINE RIVER NEAR SALEM	158
02GA006	CONESTOGO RIVER AT ST. JACOBS	78
02GA007	SPEED RIVER NEAR GUELPH	448
02GA008	SPEED RIVER AT HESPELER	444
02GA009	GALT CREEK AT GALT	127
02GA010	NITH RIVER NEAR CANNING	316
02GA011	SPEED RIVER AT GUELPH	443

STATION NO.	NAME	PAGE
02GA012	SPEED RIVER NEAR ERAMOSA	445
02GA013	CONESTOGO RIVER NEAR CONESTOGO	78
02GA014	GRAND RIVER NEAR MARSVILLE	141
02GA015	SPEED RIVER BELOW GUELPH	445
02GA016	GRAND RIVER BELOW SHAND DAM	140
02GA017	CONESTOGO RIVER AT DRAYTON	78
02GA018	NITH RIVER AT NEW HAMBURG	315
02GA020	SPEED RIVER ABOVE GUELPH	443
02GA022	GRAND RIVER AT WALDEMAR	138
02GA023	CANAGAGIGUE CREEK NEAR ELMIRA	62
02GA024	LAUREL CREEK AT WATERLOO	208
02GA027	GRAND RIVER ABOVE LAKE BELWOOD	132
02GA028	CONESTOGO RIVER AT GLEN ALLAN	77
02GA029	ERAMOSA RIVER ABOVE GUELPH	114
02GA030	ALDER CREEK NEAR NEW DUNDEE	11
02GA031	BLUE SPRINGS CREEK NEAR EDEN MILLS	52
02GA032	O.A.C. FARM GAUGE NO. 5 AT GUELPH	340
02GA033	LUTTERAL CREEK NEAR GUSTIC	221
02GA034	GRAND RIVER AT WEST MONTROSE	138
02GA035	EAST CANAGAGIGUE CREEK NEAR FLORADALE	98
02GA036	CANAGAGIGUE CREEK NEAR FLORADALE	63
02GA037	SCHNEIDER CREEK AT KITCHENER	400
02GA038	NITH RIVER ABOVE WITHBURG	314
02GA039	CONESTOGO RIVER ABOVE DRAYTON	78
02GA040	SPEED RIVER NEAR ARMSTRONG MILLS	446
02GB001	GRAND RIVER AT BRANTFORD	133
02GB002	GRAND RIVER AT YORK	139
02GB003	WHITEMANS CREEK NEAR BURFORD	518
02GB004	FAIRCHILD CREEK NEAR ONONDAGA	118
02GB005	BOSTON CREEK NEAR YORK	85
02GB006	HORNER CREEK NEAR PRINCETON	153
02GB007	FAIRCHILD CREEK NEAR BRANTFORD	117
02GB008	WHITEMANS CREEK NEAR MOUNT VERNON	519
02GB009	KENNY CREEK NEAR BURFORD	177
02GB010	MCKENZIE CREEK NEAR CALEDONIA	255
02GB011	MOUNT PLEASANT CREEK NEAR BURTCH	295
02GC001	BIG CREEK NEAR PORT ROWAN	37
02GC002	KETTLE CREEK AT ST. THOMAS	180
02GC004	BIG OTTER CREEK NEAR VIENNA	41
02GC005	NORTH CREEK AT DELHI	324
02GC006	BIG CREEK NEAR DELHI	35
02GC007	BIG CREEK NEAR WALSINGHAM	37
02GC008	LYNN RIVER AT SIMCOE	224
02GC009	VENISON CREEK NEAR BIG CREEK	493
02GC010	BIG OTTER CREEK AT TILLSONBURG	39
02GC011	BIG CREEK NEAR KELVIN	36
02GC012	PATTERSON CREEK NEAR SIMCOE	380
02GC013	DEDRICK CREEK NEAR PORT ROWAN	88
02GC014	YOUNG CREEK NEAR VITTORIA	536
02GC015	LITTLE OTTER CREEK NEAR STRAFFORDVILLE	213
02GC016	SOUTH OTTER CREEK NEAR PORT BURWELL	432
02GC017	BIG OTTER CREEK ABOVE OTTERVILLE	38
02GC018	CATFISH CREEK NEAR SPARTA	67
02GC021	VENISON CREEK NEAR WALSINGHAM	494
02GC022	NANTICOKE CREEK AT NANTICOKE	305
02GC023	FISHERS CREEK NEAR FISHERS GLEN	121
02GC024	SILVER CREEK NEAR COPENHAGEN	420
02GC025	HEMLOCK CREEK NEAR PORT BURWELL	151
02GC026	BIG OTTER CREEK NEAR CALTON	40
02GD001	THAMES RIVER NEAR EALING	481
02GD003	NORTH THAMES RIVER BELOW FANSHAWE DAM	332
02GD004	MIDDLE THAMES RIVER AT THAMESFORD	263
02GD005	NORTH THAMES RIVER AT ST. MARYS	330
02GD006	THAMES RIVER NEAR INGERSOLL	483
02GD007	NORTH THAMES RIVER AT LONDON	329
02GD008	MEDWAY RIVER AT LONDON	258
02GD009	TROUT CREEK NEAR ST. MARYS	488
02GD010	FISH CREEK NEAR PROSPECT HILL	120
02GD011	CEDAR CREEK AT WOODSTOCK	68
02GD012	THAMES RIVER AT WOODSTOCK	479
02GD013	WYE CREEK NEAR THORNDALE	532
02GD014	NORTH THAMES RIVER NEAR MITCHELL	334
02GD015	NORTH THAMES RIVER NEAR THORNDALE	335
02GD016	THAMES RIVER AT INGERSOLL	476
02GD018	AVON RIVER BELOW STRATFORD	20
02GD019	TROUT CREEK NEAR FAIRVIEW	487
02GD020	WAUBUNO CREEK NEAR DORCHESTER	508
02GD021	THAMES RIVER AT INNERKIP	476
02GE001	THAMES RIVER AT KILWORTH	477
02GE002	THAMES RIVER AT BYRON	474
02GE003	THAMES RIVER AT THAMESVILLE	478
02GE005	DINGMAN CREEK BELOW LAMBETH	91
02GE006	THAMES RIVER NEAR DUTTON	480
02GE007	MCGREGOR CREEK NEAR CHATHAM	253
02GF001	O.A.C. FARM GAUGE NO. 2 NEAR MERLIN	339
02GG002	SYDENHAM RIVER NEAR ALVINSTON	485
02GG003	SYDENHAM RIVER AT FLORENCE	484
02GG004	BEAR CREEK ABOVE WILKESPORT	25
02GG005	SYDENHAM RIVER AT STRATHROY	484
02GG006	BEAR CREEK NEAR PETROLIA	24
02GG007	SYDENHAM RIVER NEAR DRESDEN	486
02GG008	BEAR CREEK BELOW BRIGDEN	26
02GH001	STURGEON CREEK NEAR LEAMINGTON	457
02GH002	RUSCOM RIVER NEAR RUSCOM STATION	391
02GH003	CANARD RIVER NEAR LUKERVILLE	83
02GH004	TURKEY CREEK AT WINDSOR	488
02GH011	LITTLE RIVER AT WINDSOR	314
02HA003	NIAGARA RIVER AT QUEENSTON	388
02HA006	TWENTY MILE CREEK AT BALLS FALLS	492
02HA007	WELLAND RIVER BELOW CAISTOR CORNERS	506
02HA014	REDHILL CREEK AT HAMILTON	382
02HA015	WELLAND RIVER NEAR MOUNT HOPE	510
02HA016	THREE MILE CREEK AT MOUNT HOPE	483
02HA019	WELLAND CANAL DIVERSION FROM LAKE ERIE	509
02HB001	CREDIT RIVER NEAR CATARACT	83
02HB002	CREDIT RIVER AT ERINDALE	81
02HB004	EAST OAKVILLE CREEK NEAR OMAGH	101
02HB005	OAKVILLE CREEK AT MILTON	341
02HB006	GRINDSTONE CREEK ABOVE HIGHWAY NO. 403	143
02HB007	SPENCER CREEK AT DUNDAS	447
02HB008	CREDIT RIVER WEST BRANCH AT NORVAL	85
02HB010	SPENCER CREEK AT DUNDAS CROSSING	447
02HB011	BRONTE CREEK NEAR ZIMMERMAN	88
02HB012	GRINDSTONE CREEK NEAR ALDERSHOT	144
02HB013	CREDIT RIVER NEAR ORANGEVILLE	85
02HB015	SPENCER CREEK NEAR WESTOVER	448
02HB016	BRONTE CREEK AT PROGRESTON	88
02HB018	CREDIT RIVER AT BOSTON MILLS	81
02HB019	CREDIT RIVER ALTON BRANCH ABOVE ALTON	86

INDEX (CONT.)

STATION NO.	NAME	PAGE
02HB020	CREDIT RIVER ERIN BRANCH ABOVE ERIN	82
02HC002	ETOBICOKE CREEK NEAR SUMMERVILLE	118
02HC003	HUMBER RIVER AT WESTON	155
02HC004	LITTLE DON RIVER NEAR LANSING	210
02HC005	DON RIVER AT YORK MILLS	82
02HC006	DUFFINS CREEK AT PICKERING	85
02HC007	HUMBER RIVER ABOVE EAST HUMBER RIVER	154
02HC008	WEST HUMBER RIVER NEAR THISTLETOWN	514
02HC009	EAST HUMBER RIVER NEAR PINE GROVE	100
02HC010	EAST HUMBER RIVER NEAR KLEINBURG	99
02HC011	HUMBER RIVER AT WOODBRIDGE	156
02HC012	HUMBER RIVER NEAR CEDAR MILLS	157
02HC013	HIGHLAND CREEK NEAR WEST HILL	151
02HC014	LITTLE ROUGE CREEK AT ROUGE HILL	214
02HC015	ROUGE RIVER AT ROUGE HILL	390
02HC017	ETOBICOKE CREEK AT BRAMPTON	115
02HC018	LYNDE CREEK NEAR WHITBY	223
02HC019	DUFFINS CREEK ABOVE PICKERING	94
02HC022	ROUGE RIVER NEAR MARKHAM	380
02HC023	COLD CREEK NEAR BOLTON	73
02HC024	DON RIVER AT TODMORDEN	81
02HC025	HUMBER RIVER AT ELDER MILLS	154
02HC026	WEST DUFFINS CREEK AT GREEN RIVER	511
02HC027	BLACK CREEK NEAR WESTON	43
02HC028	LITTLE ROUGE CREEK NEAR LOCUST HILL	215
02HC029	LITTLE DON RIVER AT DON MILLS	210
02HC030	ETOBICOKE CREEK BELOW QUEEN ELIZABETH HIGHWAY	116
02HC031	WEST HUMBER RIVER AT HIGHWAY NO. 7	513
02HC032	EAST HUMBER RIVER AT KING CREEK	99
02HC033	MIMICO CREEK AT ISLINGTON	265
02HC034	WEST HUMBER RIVER BELOW CLAIREVILLE DAM	514
02HC035	STOUFFVILLE CREEK BELOW STOUFFVILLE	457
02HC036	KATABOKOKONK CREEK ABOVE LOCUST HILL	178
02HC037	MAJOR CREEK ABOVE GREEN RIVER	244
02HC038	WEST DUFFINS CREEK ABOVE GREEN RIVER	511
02HC039	REESOR CREEK ABOVE GREEN RIVER	382
02HC040	REESOR CREEK NEAR ALTONA	383
02HC041	WEST DUFFINS CREEK NEAR ALTONA	512
02HC042	GANATSEKIAGON CREEK NEAR BROUGHAM	130
02HC043	URFE CREEK NEAR BROUGHAM	492
02HC044	BROUGHAM CREEK AT BROUGHAM	80
02HC045	MICHELL CREEK BELOW CLAREMONT	257
02HC046	WIXON CREEK BELOW ALTONA	531
02HC047	HUMBER RIVER NEAR PALGRAVE	157
02HC103	ROUGE RIVER AT SCARBOROUGH	390
02HC104	LITTLE ROUGE CREEK AT SCARBOROUGH	215
02HC105	PETTICOAT CREEK NEAR DUNBARTON	266
02HC108	WEST DUFFINS CREEK NEAR PICKERING	512
02HC114	GANATSEKIAGON CREEK NEAR PICKERING	131
02HD001	GANARASKA RIVER AT PORT HOPE	128
02HD002	GANARASKA RIVER NEAR DALE	129
02HD003	GANARASKA RIVER NEAR OSACA	130
02HD004	NORTH WEST GANARASKA RIVER NEAR OSACA	335
02HD005	BOWMANVILLE CREEK AT BOWMANVILLE	56
02HD007	SOPER CREEK AT BOWMANVILLE	421
02HD008	OSHAWA CREEK AT OSHAWA	347
02HD009	WILMOT CREEK NEAR NEWCASTLE	522
02HD010	SHELTER VALLEY BROOK NEAR CRAFTON	418
02HD012	GANARASKA RIVER ABOVE DALE	128
02HD013	HARMONY CREEK AT OSHAWA	149
02HD014	FAREWELL CREEK AT OSHAWA	118
02HE001	BLOOMFIELD CREEK AT BLOOMFIELD	51
02HE002	CONSECON CREEK AT ALLISONVILLE	80
02HE003	DEMORESTVILLE CREEK AT DEMORESTVILLE	89
02HF002	GULL RIVER AT NORLAND	148
02HF003	BURNT RIVER NEAR BURNT RIVER	61
02HF004	BOB CREEK NEAR MINDEN	52
02HG001	MARIPOSA BROOK NEAR LITTLE BRITAIN	245
02HH001	EELS CREEK BELOW APSLEY	102
02HH002	MISSISSAGUA RIVER BELOW MISSISSAGUA LAKE	274
02HJ001	JACKSONS CREEK AT PETERBOROUGH	159
02HJ002	OTONABEE RIVER AT LAKEFIELD	348
02HJ003	DUSE RIVER NEAR WESTWOOD	355
02HK002	TRENT RIVER AT HEALEY FALLS	486
02HK003	CROWE RIVER AT MARMORA	85
02HK004	TRENT RIVER AT GLEN ROSS	485
02HK005	CROWE RIVER NEAR GLEN ALDA	87
02HK006	BEAVER CREEK NEAR MARMORA	27
02HK007	COLD CREEK AT ORLAND	73
02HK008	RAWDON CREEK NEAR WEST HUNTINGDON	381
02HK009	BURNLEY CREEK ABOVE WARKWORTH	80
02HL001	MOIRA RIVER NEAR FOXBORO	281
02HL003	BLACK RIVER NEAR ACTINOLITE	45
02HL004	SKOOTAMATTA RIVER NEAR ACTINOLITE	430
02HL005	MOIRA RIVER NEAR DELORO	279
02HL101	MOIRA RIVER AT TWEED	278
02HL102	CLARE RIVER NEAR BOGART	71
02HL103	PARKS CREEK NEAR LATTA	358
02HL104	MOIRA RIVER NEAR THOMASBURG	282
02HM001	NAPANEE RIVER NEAR NAPANEE	306
02HM002	DEPOT CREEK AT BELLROCK	90
02HM003	SALMON RIVER NEAR SHANNONVILLE	382
02HM004	WILTON CREEK NEAR NAPANEE	523
02HM005	COLLINS CREEK NEAR KINGSTON	78
02HM006	MILLHAVEN CREEK NEAR MILLHAVEN	264
02HM007	NAPANEE RIVER AT CAMDEN EAST	305
02JC001	ENGLEHART RIVER NEAR ENGLEHART	104
02JC003	ENGLEHART RIVER NEAR CHARLTON	104
02JC007	BOSTON CREEK NEAR DANE	58
02JC008	BLANCHE RIVER ABOVE ENGLEHART	50
02JC009	BLANCHE RIVER AT SWASTIKA	50
02JC010	LARDER RIVER ABOVE RAVEN LAKE	307
02JD002	MONTREAL RIVER NEAR ELK LAKE	288
02JD004	MONTREAL RIVER AT ELK LAKE	283
02JD005	MONTREAL RIVER AT INDIAN CHUTE PLANT	285
02JD006	MONTREAL RIVER AT INDIAN CHUTE	284
02JD008	MONTREAL RIVER AT UPPER NOTCH GENERATING STATION	286
02JD009	MONTREAL RIVER AT MOUNTAIN CHUTES	287
02JD010	MONTREAL RIVER AT LOWER NOTCH GENERATING STATION	286
02JD011	LADY EVELYN RIVER AT LADY EVELYN LAKE	184
02JD012	WEST MONTREAL RIVER AT MISTINIKON LAKE DAM	515
02JE003	OTTAWA RIVER NEAR TIMISKAMING	358
02JE006	KAIBUSKONG RIVER AT BONFIELD	184
02JE012	OTTAWA RIVER AT LA CAVE RAPIDS	384
02JE014	MATTAWA RIVER NEAR RUTHERGLEN	253
02JE018	FARR CREEK AT NORTH COBALT	119
02JE019	AMABLE DU FOND RIVER AT SAMUEL DE CHAMPLAIN PROVINCIAL PARK	12
02JE020	MATTAWA RIVER BELOW BOUILLON LAKE	283
02JE021	MATABITCHUAN RIVER AT RABBIT LAKE DAM	248

STATION NO.	NAME	PAGE
02KA002	OTTAWA RIVER AT DES JOACHIMS	353
02KA003	PERCH LAKE OUTLET NEAR CHALK RIVER	386
02KA004	PERCH LAKE INLET NO. 1 NEAR CHALK RIVER	382
02KA005	PERCH LAKE INLET NO. 2 NEAR CHALK RIVER	383
02KA006	PERCH LAKE INLET NO. 3 NEAR CHALK RIVER	383
02KA007	PERCH LAKE INLET NO. 4 NEAR CHALK RIVER	384
02KA008	PERCH LAKE INLET NO. 5 NEAR CHALK RIVER	385
02KA009	TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER	487
02KA010	EAST TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER	102
02KB001	PETAWAWA RIVER NEAR PETAWAWA	387
02KC001	BONNECHERE RIVER NEAR EGANVILLE	55
02KC002	BONNECHERE RIVER AT GOLDEN LAKE	53
02KC003	BONNECHERE RIVER AT RENFREW	53
02KC009	BONNECHERE RIVER NEAR CASTLEFORD	54
02KC014	INDIAN RIVER NEAR PEMBROKE	158
02KC015	MUSKRAT RIVER NEAR PEMBROKE	300
02KD001	MADAWASKA RIVER AT MADAWASKA	228
02KD002	YORK RIVER NEAR BANCROFT	834
02KD004	MADAWASKA RIVER AT PALMER RAPIDS	230
02KD005	MADAWASKA RIVER AT WHITNEY	233
02KD007	MADAWASKA RIVER AT BARK LAKE DAM	228
02KE002	MADAWASKA RIVER NEAR ARNPRIOR	233
02KE003	MADAWASKA RIVER AT CALABOGIE	227
02KE004	MADAWASKA RIVER AT CLAY BANK	228
02KE005	MADAWASKA RIVER AT STEWARTVILLE	232
02KF001	MISSISSIPPI RIVER AT FERGUSONS FALLS	276
02KF002	MISSISSIPPI RIVER AT GALETTA	277
02KF003	MISSISSIPPI RIVER NEAR SNOW ROAD STATION	278
02KF005	OTTAWA RIVER AT BRITANNIA	350
02KF006	MISSISSIPPI RIVER AT APPLETON	275
02KF007	MISSISSIPPI RIVER AT RAGGED CHUTE	277
02KF008	OTTAWA RIVER AT CHATS FALLS	351
02KF010	CLYDE RIVER NEAR LANARK	72
02KF011	CARP RIVER NEAR KINBURN	64
02KF012	INDIAN RIVER NEAR BLAKENEY	158
02KF013	CLYDE RIVER AT GORDON RAPIDS	72
02KF014	FALL RIVER NEAR FALLBROOK	118
02LA001	TAY RIVER NEAR GLEN TAY	489
02LA004	RIDEAU RIVER AT OTTAWA	384
02LA005	RIDEAU RIVER ABOVE SMITHS FALLS	383
02LA006	KEMPTVILLE CREEK NEAR KEMPTVILLE	177
02LA007	JOCK RIVER NEAR RICHMOND	180
02LA008	BLACK RAPIDS CREEK TRIBUTARY AT OTTAWA	43
02LA011	RIDEAU RIVER BELOW MERRICKVILLE	386
02LA012	RIDEAU RIVER BELOW MANOTICK	385
02LA013	SAWMILL CREEK AT OTTAWA	399
02LA016	TAY RIVER AT PORT ELMSLEY	488
02LA017	TAY RIVER BELOW BOBS LAKE	489
02LB005	SOUTH NATION RIVER NEAR PLANTAGENET SPRINGS	430
02LB006	CASTOR RIVER AT RUSSELL	85
02LB007	SOUTH NATION RIVER AT SPENCERVILLE	428
02LB008	BEAR BROOK NEAR [illegible]OURGET	24
02LB009	SOUTH NATION RIVER AT CHESTERVILLE	427
02LB012	EAST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT	97
02LB013	SOUTH NATION RIVER AT CASSELMAN	428
02LB015	LITTLE CASTOR RIVER NEAR EMBRUN	208
02LB017	NORTH BRANCH SOUTH NATION RIVER NEAR HECKSTON	323
02LB018	WEST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT	510
02LB019	SOUTH INDIAN CREEK NEAR LIMOGES	425
02LB020	SOUTH CASTOR RIVER AT KENMORE	425
02LB021	EAST CASTOR RIVER NEAR RUSSELL	[illegible]
02LB022	PAYNE RIVER NEAR BERWICK	[illegible]
02LB101	BEAR BROOK AT CARLSBAD SPRINGS	[illegible]
02MA001	LYNDHURST CREEK AT LYNDHURST	[illegible]
02MA002	CATARAQUI RIVER AT CHAFFEYS LOCKS	[illegible]
02MB005	ST. LAWRENCE RIVER AT IROQUOIS	[illegible]
02MB006	LYN CREEK NEAR LYN	[illegible]
02MC001	RAISIN RIVER NEAR WILLIAMSTOWN	381
02MC002	ST. LAWRENCE RIVER AT CORNWALL	449
02MC008	SOUTH RAISIN RIVER DIVERSION AT LONG SAULT	433
02MC025	RIVIERE BEAUDETTE NEAR GLEN NEVIS	388
04CA002	SEVERN RIVER AT OUTLET OF MUSKRAT DAM LAKE	408
04CA003	ROSEBERRY RIVER ABOVE ROSEBERRY LAKES	389
04CA004	SEVERN RIVER BELOW OUTLET OF DEER LAKE	410
04CB001	WINDIGO RIVER ABOVE MUSKRAT DAM LAKE	824
04CC001	SEVERN RIVER AT LIMESTONE RAPIDS	406
04CD001	SACHIGO RIVER BELOW BEAVERSTONE RIVER	392
04CD002	SACHIGO RIVER BELOW OUTLET OF SACHIGO LAKE	392
04CE002	FAWN RIVER BELOW BIG TROUT LAKE	118
04DA001	PIPESTONE RIVER AT KARL LAKE	375
04DA002	WINISK RIVER AT KANUCHUAN RAPIDS	824
04DB001	ASHEWEIG RIVER AT STRAIGHT LAKE	13
04DB002	ASHEWEIG RIVER ABOVE LONG DOG LAKE	13
04DC001	WINISK RIVER BELOW ASHEWEIG RIVER TRIBUTARY	525
04DC002	SHAMATTAWA RIVER AT OUTLET OF SHAMATTAWA LAKE	412
04EA001	EKWAN RIVER BELOW NORTH WASHAGAMI RIVER	103
04FA001	OTOSKWIN RIVER BELOW BADESDAWA LAKE	348
04FA002	KAWINOGANS RIVER NEAR PICKLE CROW	178
04FA003	PINEIMUTA RIVER AT EYES LAKE	373
04FB001	ATTAWAPISKAT RIVER BELOW ATTAWAPISKAT LAKE	14
04FC001	ATTAWAPISKAT RIVER BELOW MUKETEI RIVER	15
04GA001	LAKE ST. JOSEPH OUTFLOW TO ALBANY RIVER	208
04GA002	CAT RIVER BELOW WESLEYAN LAKE	88
04GA003	PASHKOKOGAN RIVER AT OUTLET OF PASHKOKOGAN LAKE	380
04GB001	OGOKI RIVER AT WABOOSE FALLS DAM	343
04GB004	OGOKI RIVER ABOVE WHITECLAY LAKE	342
04GB005	BRIGHTSAND RIVER AT MOBERLEY	58
04GC002	ALBANY RIVER BELOW ACHAPI LAKE	10
04GD001	ALBANY RIVER ABOVE HOTTIK ISLAND	9
04GD002	OPICHUAN RIVER AT KELLOW LAKE	347
04GF001	MUSWABIK RIVER AT OUTLET OF MUSWABIK LAKE	300
04HA001	ALBANY RIVER NEAR HAT ISLAND	11
04JA001	KABINAKAGAMI RIVER NEAR KABINA	183
04JA002	KABINAKAGAMI RIVER AT HIGHWAY NO. 11	182
04JC001	NAGAGAMI RIVER NEAR AMESON	302
04JC002	NAGAGAMI RIVER AT HIGHWAY NO. 11	301
04JC003	SMEKAK RIVER AT HIGHWAY NO. 11	417
04JD002	KENOGAMI RIVER AT KENOGAMI DAM	178
04JD003	LONG LAKE DIVERSION TO LAKE SUPERIOR	218
04JD005	PAGWACHUAN RIVER AT HIGHWAY NO. 11	357
04JF001	LITTLE CURRENT RIVER AT PERCY LAKE	308
04JG001	KENOGAMI RIVER NEAR MAMMAMATTAWA	178
04KA001	KWATABOAHEGAN RIVER NEAR THE MOUTH	181
04KA002	HALFWAY CREEK AT MOOSONEE	148
04LA001	MATTAGAMI RIVER AT TIMMINS	281
04LA002	MATTAGAMI RIVER NEAR TIMMINS	282
04LB001	MATTAGAMI RIVER AT SMOOTH ROCK FALLS	280
04LC001	GROUNDHOG RIVER AT HORWOOD LAKE	147
04LD001	GROUNDHOG RIVER AT FAUQUIER	148

INDEX (CONT.)

STATION NO.	NAME	PAGE
04LF001	KAPUSKASING RIVER AT KAPUSKASING	173
04LG001	MATTAGAMI RIVER AT SMOKY FALLS	248
04LG002	MOOSE RIVER AT MOOSE RIVER	294
04LG003	MATTAGAMI RIVER AT LITTLE LONG RAPIDS	247
04LG004	MOOSE RIVER ABOVE MOOSE RIVER	293
04LJ001	MISSINAIBI RIVER AT MATTICE	266
04LM001	MISSINAIBI RIVER BELOW WARDOSE RIVER	267
04MB003	WATABEAG RIVER AT WATABEAG LAKE DAM	507
04MC001	ABITIBI RIVER AT IROQUOIS FALLS	3
04MC002	ABITIBI RIVER AT TWIN FALLS	8
04MD001	FREDERICK HOUSE RIVER AT FREDERICKHOUSE	123
04MD002	FREDERICK HOUSE RIVER AT FREDERICK HOUSE LAKE DAM	122
04MD004	PORCUPINE RIVER AT HOYLE	376
04ME001	ABITIBI RIVER AT ISLAND FALLS	5
04ME002	ABITIBI RIVER AT ABITIBI CANYON	1
04ME003	ABITIBI RIVER AT ONAKAWANA	6
04ME004	ABITIBI RIVER AT OTTER RAPIDS	7
04MF001	NORTH FRENCH RIVER NEAR THE MOUTH	325
05PA001	KETTLE RIVER ABOVE KETTLE FALLS	181
05PA008	NAMAKAN RIVER AT OUTLET OF LAC LA CROIX	303
05PA012	BASSWOOD RIVER NEAR WINTON	21
05PB001	SEINE RIVER NEAR LA SEINE	402
05PB003	MANITOU RIVER ABOVE DEVIL'S CASCADE	244
05PB004	FOOTPRINT RIVER AT RAINY LAKE FALLS	122
05PB009	SEINE RIVER AT STURGEON FALLS GENERATING STATION	401
05PB014	TURTLE RIVER NEAR MINE CENTRE	490
05PB015	PIPESTONE RIVER ABOVE RAINY LAKE	375
05PC018	ATIKOKAN RIVER AT ATIKOKAN	14
05PC009	LA VALLEE RIVER AT LA VALLEE	182
05PC010	STURGEON RIVER NEAR BARWICK	482
05PC011	PINEWOOD RIVER NEAR PINEWOOD	374
05PC016	LA VALLEE RIVER NEAR DEVLIN	183
05PC018	RAINY RIVER AT MANITOU RAPIDS	378
05PC019	RAINY RIVER AT FORT FRANCES	377
05PD014	LAKE 114 OUTLET NEAR KENORA	185
05PD015	LAKE 240 OUTLET NEAR KENORA	190
05PD016	LAKE 120 OUTLET NEAR KENORA	186
05PD017	LAKE 470 OUTLET NEAR KENORA	193
05PD019	LAKE 303 OUTLET NEAR KENORA	192
05PD022	NORTHWEST TRIBUTARY TO LAKE 239 NEAR KENORA	337
05PD023	LAKE 239 OUTLET NEAR KENORA	189
05PD024	LAKE 239, LOWER EAST INLET, NEAR KENORA	189
05PD025	LAKE 239, UPPER EAST INLET, NEAR KENORA	190
05PD026	BERRY CREEK AT THE OUTLET OF BERRY LAKE	24
05PD028	LAKE 661 OUTLET NEAR KENORA	193
05PE003	LAKE OF THE WOODS OUTLET AT BOAT LIFT CHANNEL	198
05PE004	LAKE OF THE WOODS OUTLET AT MILL 'C' KEEWATIN	200
05PE005	LAKE OF THE WOODS OUTLET AT MINK CREEK	201
05PE006	LAKE OF THE WOODS EASTERN OUTLET AT KENORA POWERHOUSE	196
05PE008	WINNIPEG RIVER WEST BRANCH, KEEWATIN RIVER BRIDGE	531
05PE010	WINNIPEG RIVER AT WHITEDOG FALLS POWERHOUSE	527
05PE011	LAKE OF THE WOODS WESTERN OUTLET AT NORMAN DAM AND POWERHOUSE	203
05PE020	WINNIPEG RIVER BELOW LAKE OF THE WOODS OUTLETS	529
05PF051	WINNIPEG RIVER ABOVE BOUNDARY FALLS	526
05QA001	ENGLISH RIVER NEAR SIOUX LOOKOUT	112
05QA002	ENGLISH RIVER AT UMFREVILLE	110
05QA004	STURGEON RIVER AT MCDOUGALL MILLS	480
05QA005	BELL RIVER ABOVE STURGEON LAKE	33
05QB006	LAKE ST. JOSEPH DIVERSION AT ROOT PORTAGE	205
05QB007	ENGLISH RIVER AT PINE RIDGE	108
05QC001	CHUKUNI RIVER NEAR EAR FALLS	70
05QC003	TROUTLAKE RIVER BELOW BIG FALLS	488
05QD001	WABIGOON RIVER AT WABIGOON FALLS	500
05QD002	WABIGOON RIVER BELOW RAILWAY BRIDGE, NEAR QUIBELL	500
05QD003	EAGLE RIVER AT EAGLE RIVER	85
05QD006	WABIGOON RIVER NEAR QUIBELL	502
05QD008	LAKE 227 OUTLET NEAR KENORA	188
05QD010	WABIGOON RIVER NEAR DRYDEN	501
05QD011	LAKE 230 OUTLET NEAR KENORA	188
05QD012	LAKE 261 OUTLET NEAR KENORA	191
05QD013	LAKE 265 OUTLET NEAR KENORA	191
05QD015	LAKE 226 OUTLET NEAR KENORA	187
05QD016	WABIGOON RIVER AT DRYDEN	489
05QD017	LAKE 223 OUTLET NEAR KENORA	186
05QD018	LAKE 224 OUTLET NEAR KENORA	186
05QD019	LAKE 225 OUTLET NEAR KENORA	187
05QD023	LAKE 302 OUTLET NEAR KENORA	192
05QE005	ENGLISH RIVER AT CARIBOU FALLS	108
05QE008	ENGLISH RIVER AT EAR FALLS	107
05QE007	ENGLISH RIVER AT MANITOU FALLS	109
05QE008	CEDAR RIVER BELOW WABASKANG LAKE	89
05QE009	STURGEON RIVER AT OUTLET OF SALVESEN LAKE	481
05QE012	LONG-LEGGED RIVER BELOW LONG-LEGGED LAKE	220
05RC001	BERENS RIVER ABOVE BERENS LAKE	34

POOR
QUALITY
ORIGINAL